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Crop Distribution in Alberta, Saskatchewan, Manitoba, 1972. 2
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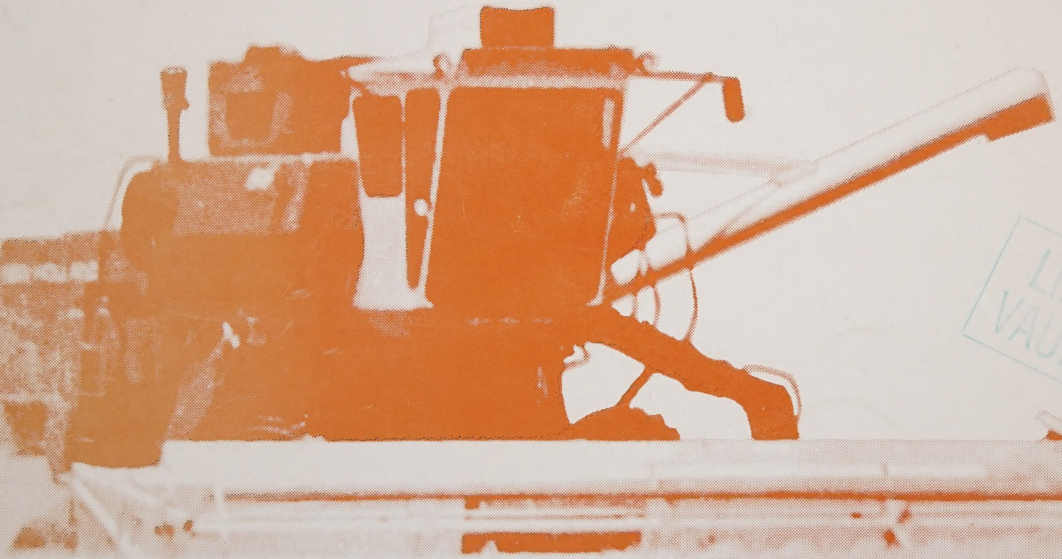
1972 Crop Distribution In Alberta, Saskatchewan, Manitoba.



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FOREWORD

Field Crops 1972, published by Alberta Agriculture, Statistics Branch, depicts the regional area of Alberta, Saskatchewan, and Manitoba. The maps in this publication present generalized outlines of the total cultivated and crop areas in the region and an interprovincial relationship. As mentioned, and of utmost importance, the maps generalize areal extents and should be analyzed with that view in mind.

The isarithmic maps (1" = 100 miles) utilized present distribution patterns in two distinct ways. On one half of the maps the data is presented as a degree of concentration for a specific crop as compared with the total seeded acreage for that crop. The degree of concentration is divided into four levels (50, 30, 15 and 5 per cent) and the outer line on these maps constitutes 100 per cent of the crop acreage. The area delineated to constitute 50 per cent is the smallest area which contains one half of the seeded acreage of the indicated crop. Similarly, the 30 per cent isoline outlines the smallest area which contains 80 per cent (50% plus 30%) of the crop acreage. These maps are most useful for analyzing the spatial distribution pattern of the crops grown in

FOREWORD

Alberta, Saskatchewan, and Manitoba. The remaining maps evince the percentage of cultivated acreage seeded to a particular crop. While these maps do not necessarily show the areas of concentration for a particular crop, they do exemplify the areas as a percentage of total cultivated acreage for the particular crop. In addition, distribution maps are also shown for summerfallow and new breaking.

Grateful acknowledgement is extended to the Canadian Wheat Board for providing the required statistics based on permit book acreages by delivery point. Keith Toogood of Systems Design and Data Analysis Branch, Alberta Agriculture had computer print-outs prepared using this information and the computer program SYMAP. The resultant maps and tables herein are the products of Frank T. Zaprawa under the direction of John K. Woychuk. Critical evaluation of the publication and requests for additional information will be appreciated and should be forwarded to H. H. Bryce, Head; Statistics Branch, Alberta Agriculture.

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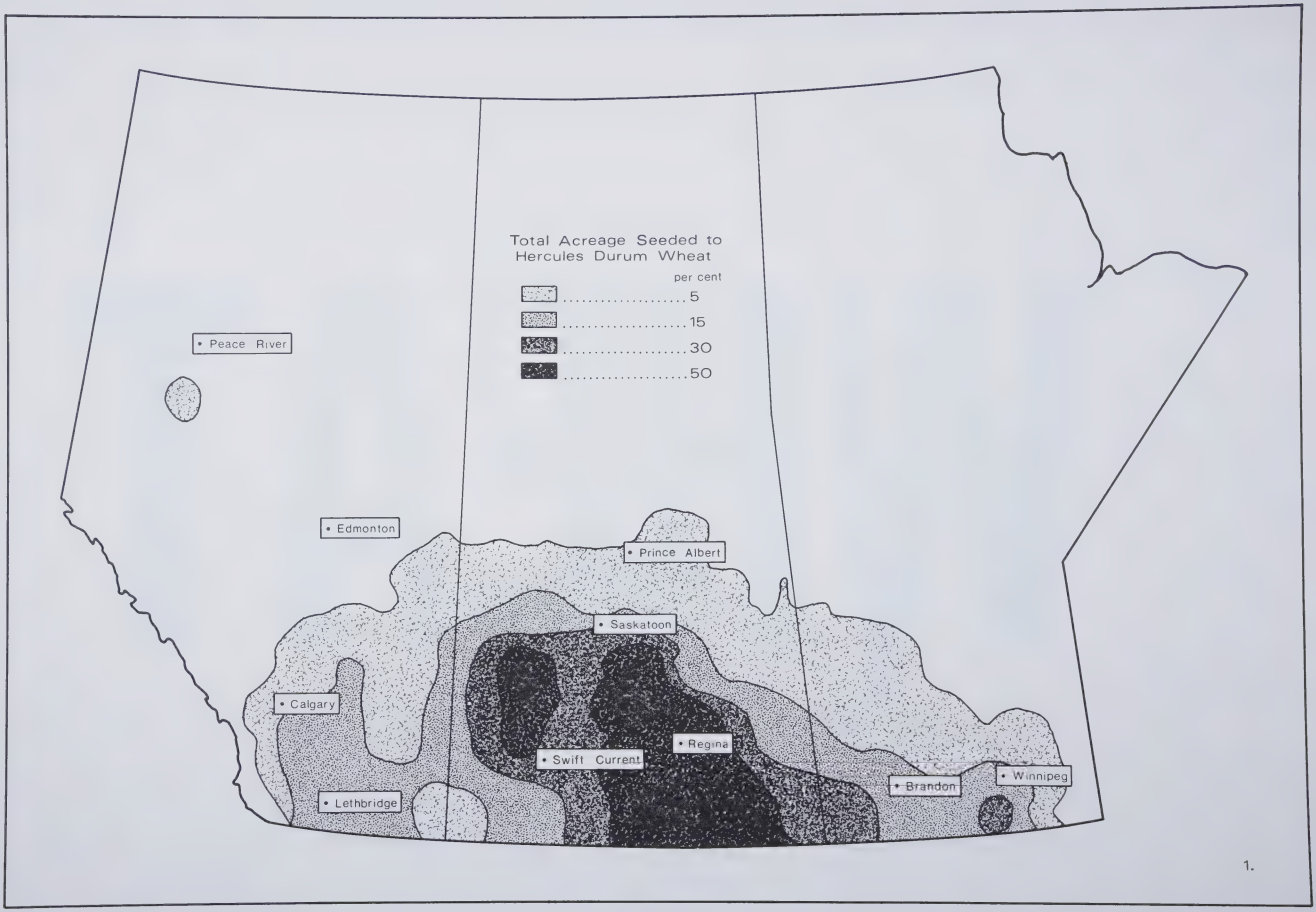
Appendix XLvi

WHEAT

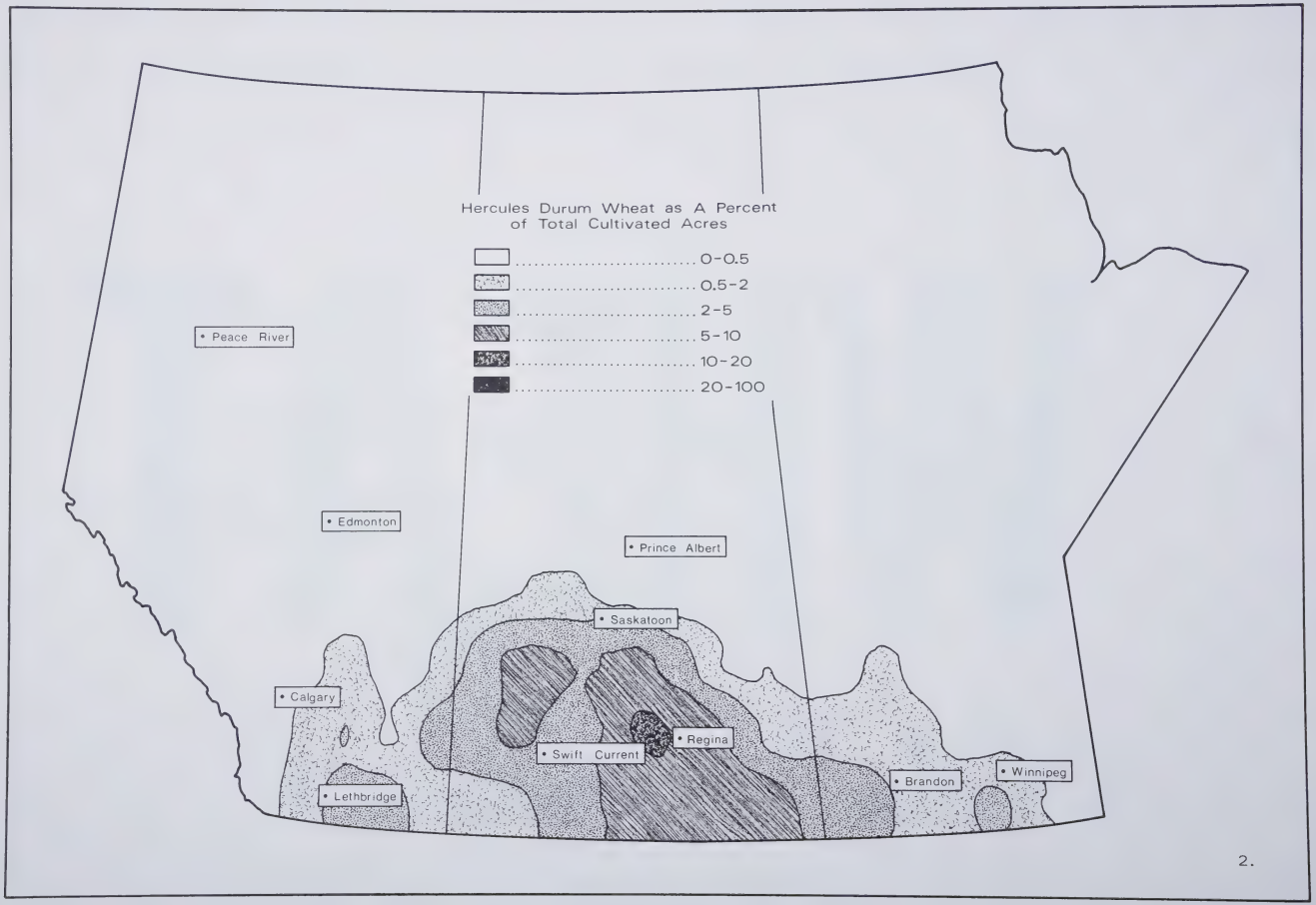
Hercules Durum

Per cent	
5	93,322 acres
15	279,967 acres
30	559,933 acres
50	933,222 acres

Total Acres: 1,866,444


Total Acreage Seeded to
Hercules Durum Wheat
per cent
5
15
30
50
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Regina
• Swift Current
• Brandon
• Winnipeg
• Lethbridge

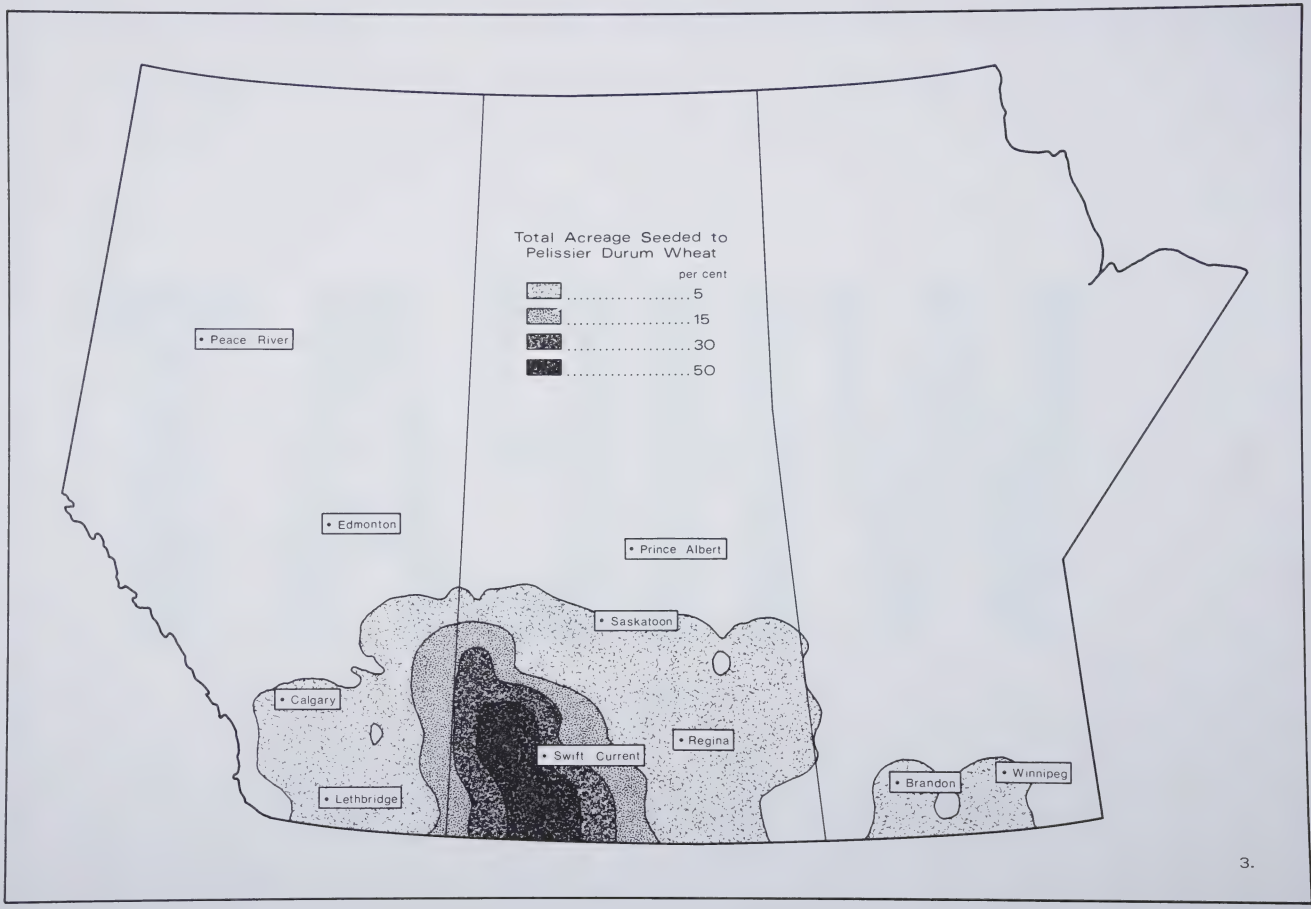
WHEAT


Hercules Durum Wheat as A Percent
of Total Cultivated Acres
0-0.5
0.5-2
2-5
5-10
10-20
20-100
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Regina
• Swift Current
• Brandon
• Winnipeg
• Lethbridge

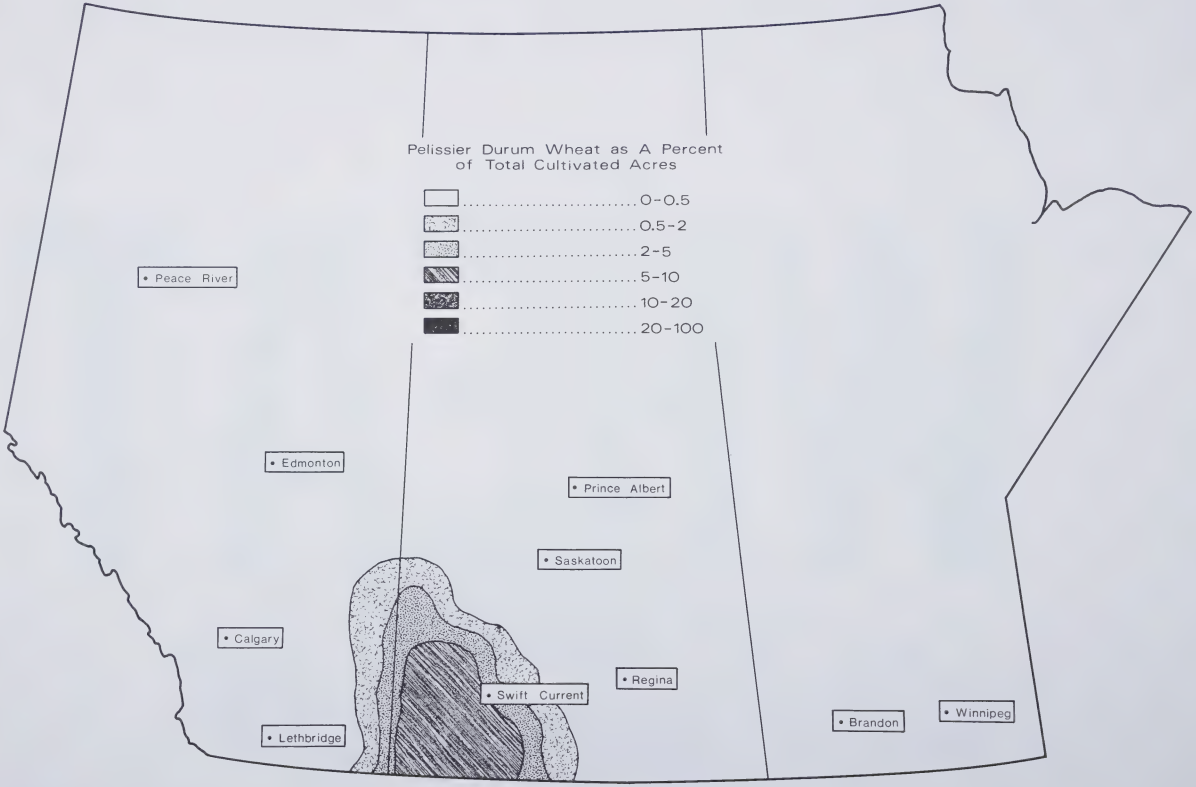
Pelissier Durum

Per cent	
5	23,542 acres
15	70,625 acres
30	141,251 acres
50	235,418 acres

Total Acres: 470,835


Total Acreage Seeded to
Pelissier Durum Wheat
per cent
5
15
30
50
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Regina
• Swift Current
• Lethbridge
• Brandon
• Winnipeg

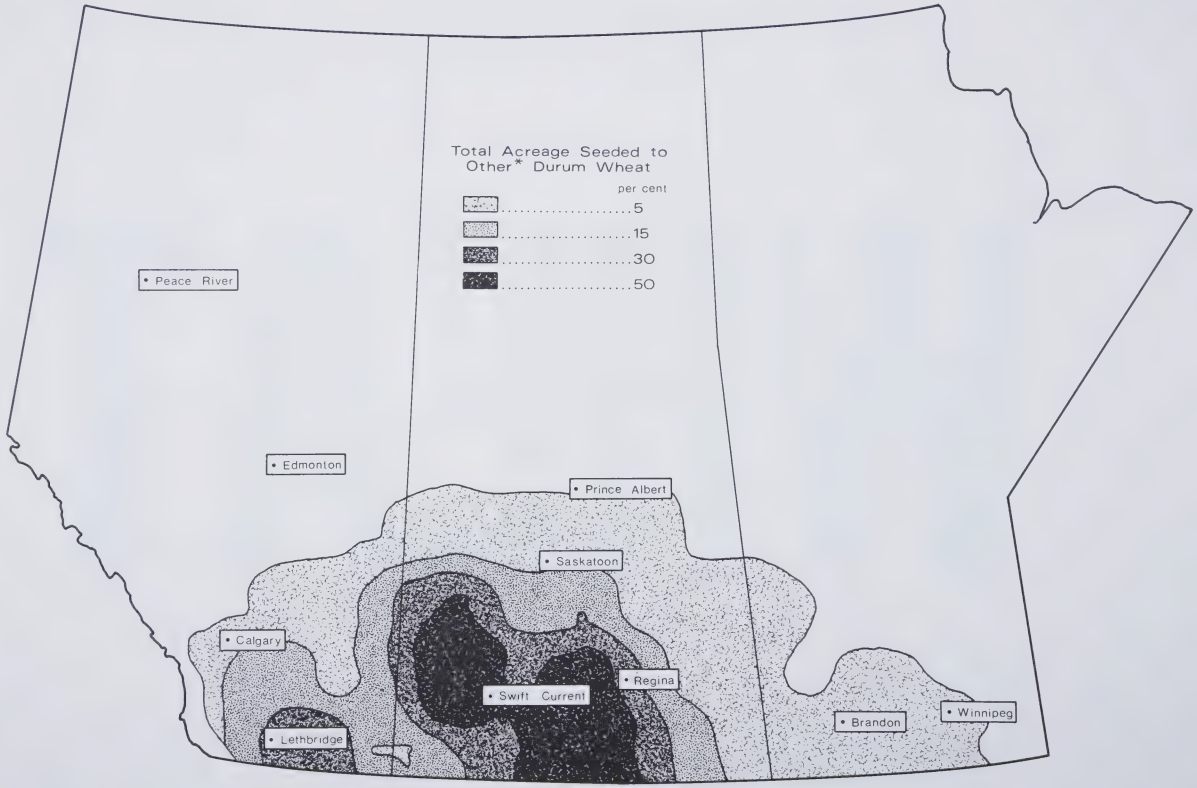
WHEAT


Pelissier Durum Wheat as A Percent of Total Cultivated Acres
0-0.5
0.5-2
2-5
5-10
10-20
20-100
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Regina
• Swift Current
• Lethbridge
• Brandon
• Winnipeg

Other Durum

Per cent	
5	37,858 acres
15	113,573 acres
30	227,146 acres
50	378,576 acres

Total Acres: 757,152



*Other than hercules and pelissier.

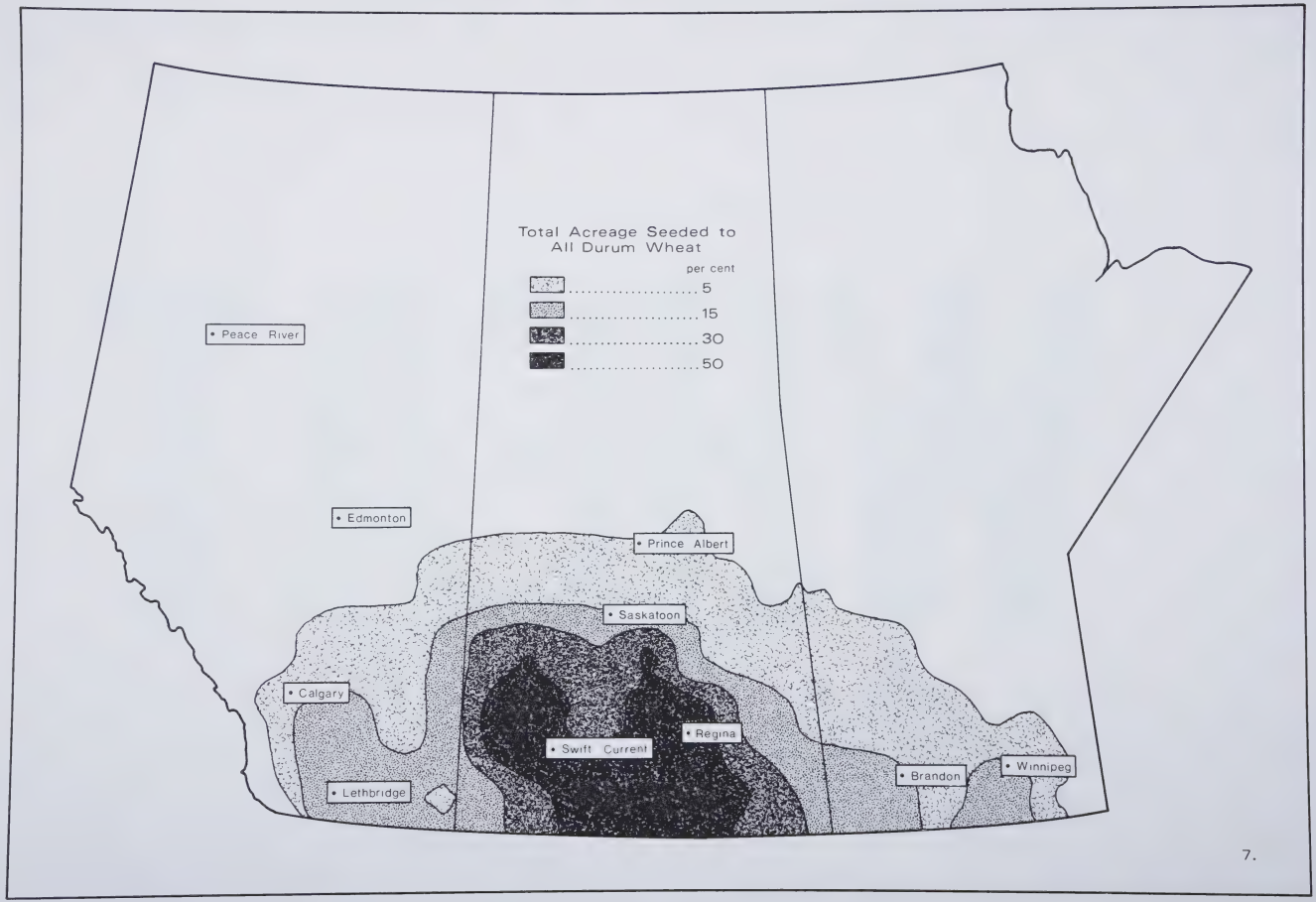
WHEAT

*Other than hercules and pelissier.

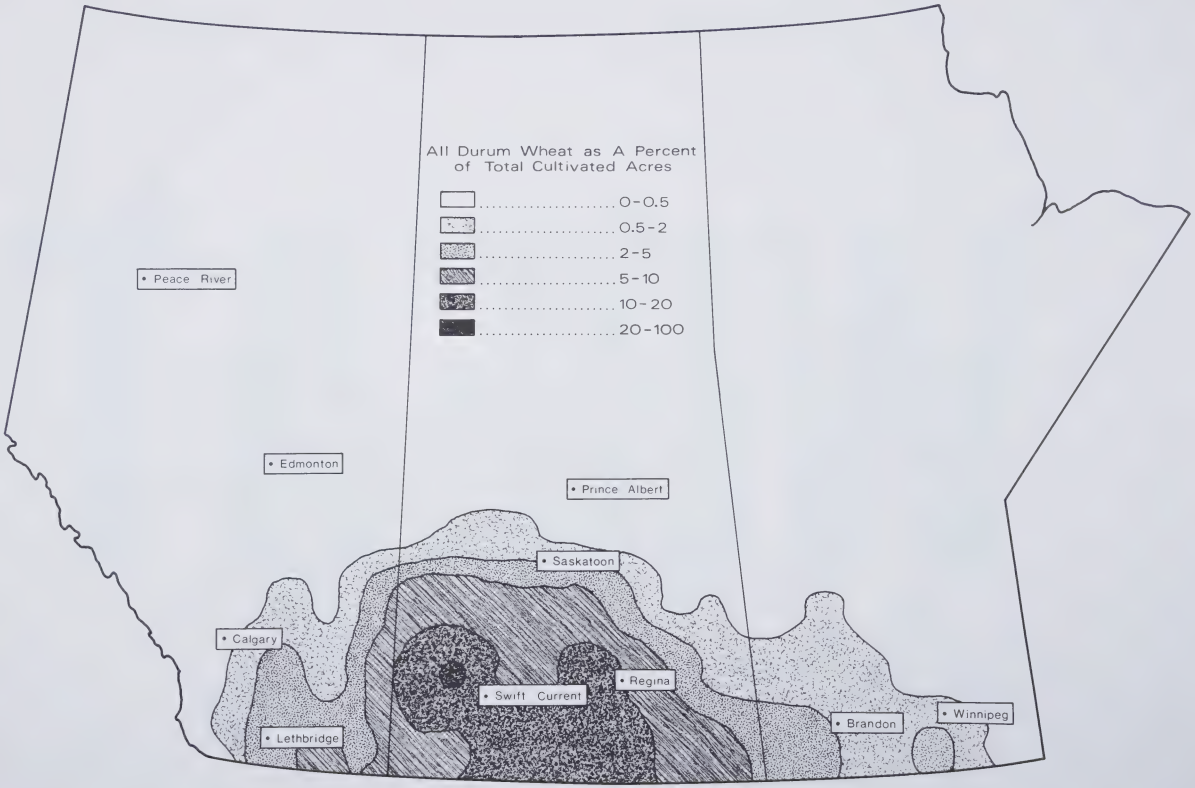
All Durum Wheat

Per cent	
5	154,722 acres
15	464,165 acres
30	928,329 acres
50	1,547,216 acres

Total Acres: 3,094,431


Total Acreage Seeded to All Durum Wheat
per cent
5
15
30
50
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Regina
• Swift Current
• Lethbridge
• Brandon
• Winnipeg

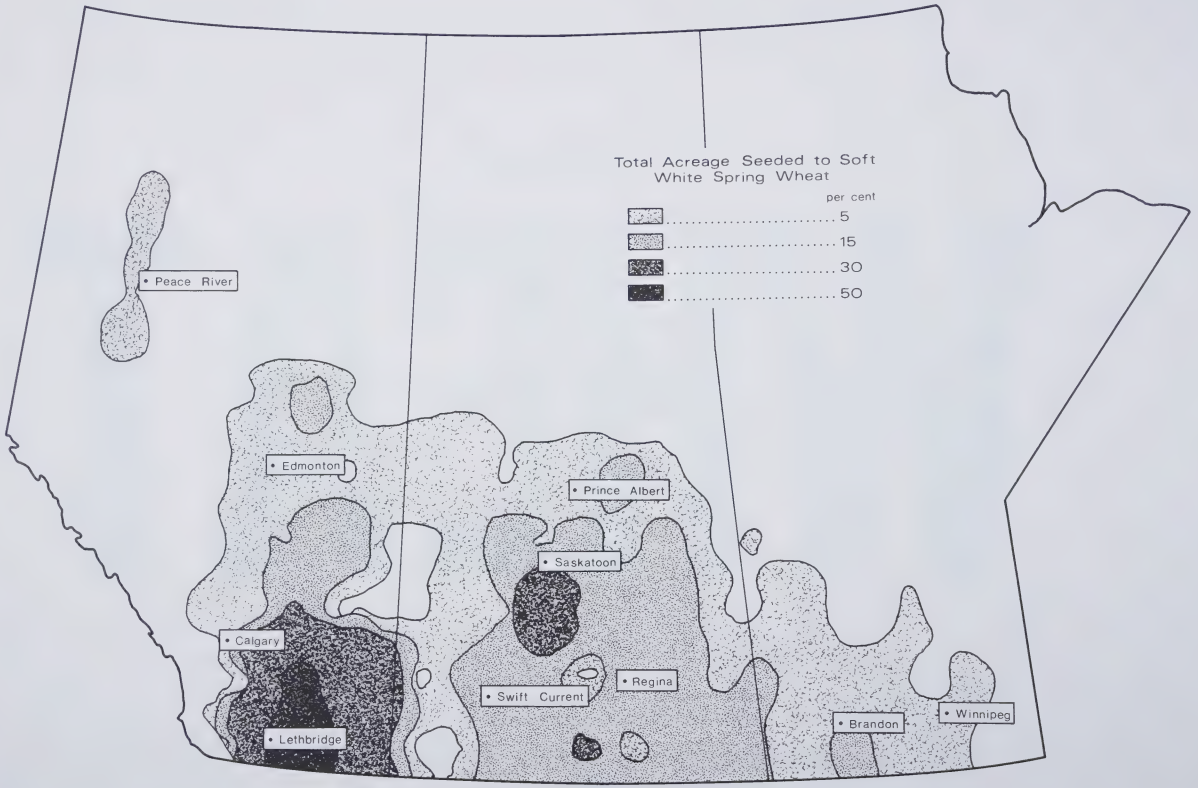
WHEAT


All Durum Wheat as A Percent of Total Cultivated Acres
0-0.5
0.5-2
2-5
5-10
10-20
20-100
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Swift Current
• Regina
• Lethbridge
• Brandon
• Winnipeg

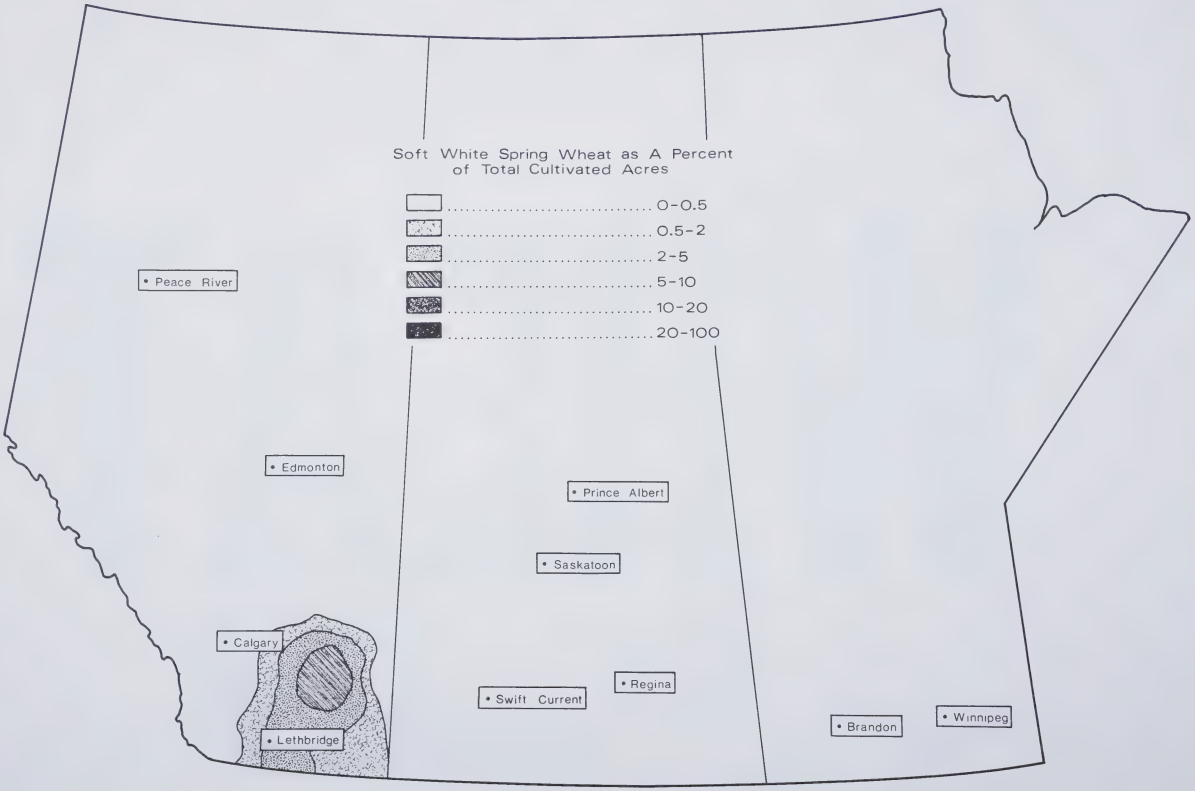
S.W.S. Wheat

Per cent	
5	4,920 acres
15	14,760 acres
30	29,521 acres
50	49,201 acres

Total Acres: 98,402

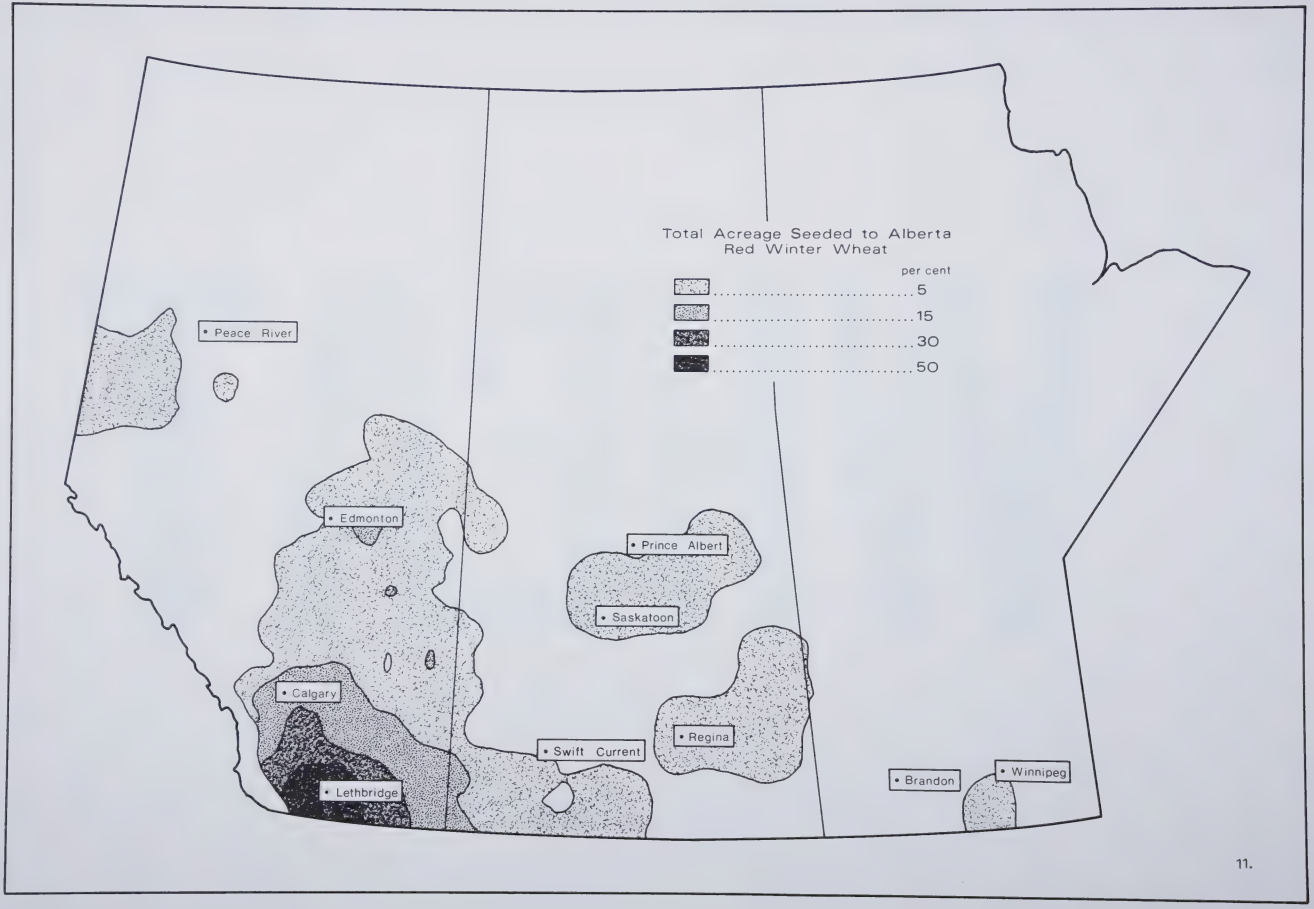

Total Acreage Seeded to Soft White Spring Wheat
per cent
5
15
30
50
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Swift Current
• Regina
• Brandon
• Winnipeg
• Lethbridge

WHEAT

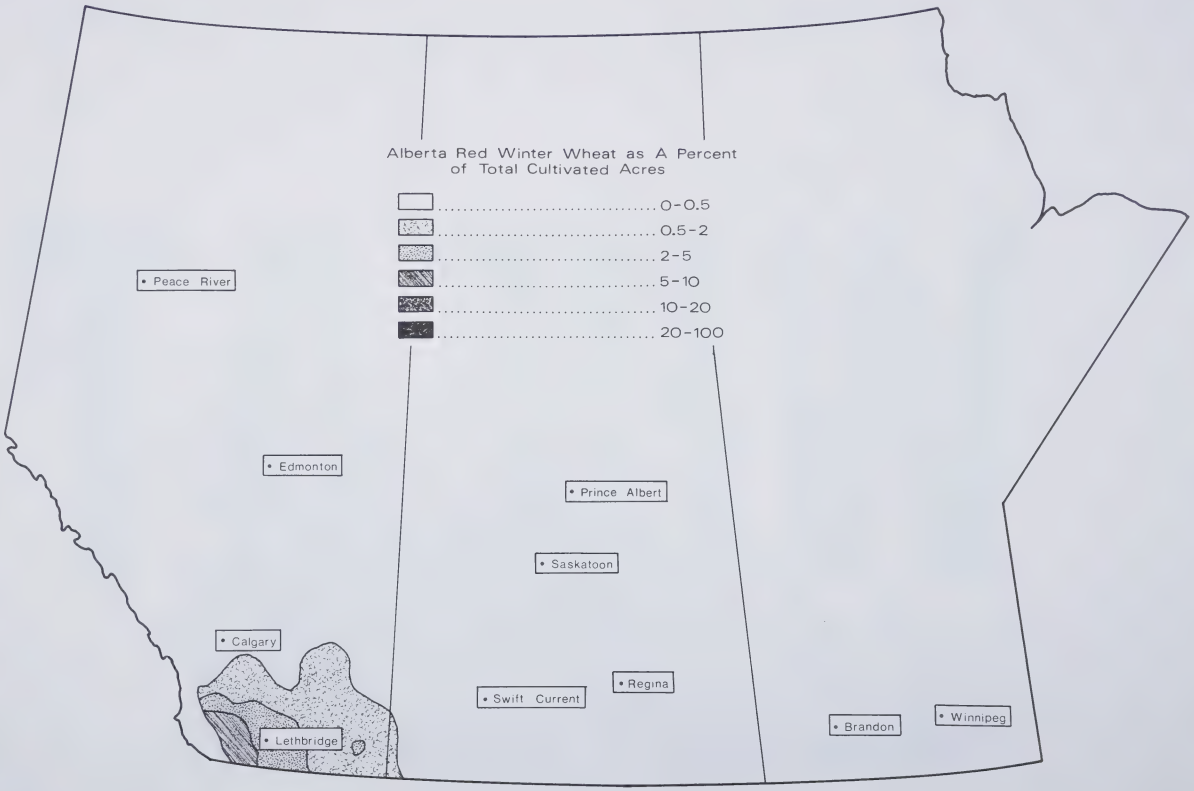

Soft White Spring Wheat as A Percent of Total Cultivated Acres
0-0.5
0.5-2
2-5
5-10
10-20
20-100
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Regina
• Swift Current
• Brandon
• Winnipeg
• Lethbridge

Per cent	A.R.W. Wheat
5	6,730 acres
15	20,189 acres
30	40,377 acres
50	67,296 acres

Total Acres: 134,591


Total Acreage Seeded to Alberta
Red Winter Wheat
per cent
5
15
30
50
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Regina
• Swift Current
• Lethbridge
• Brandon
• Winnipeg

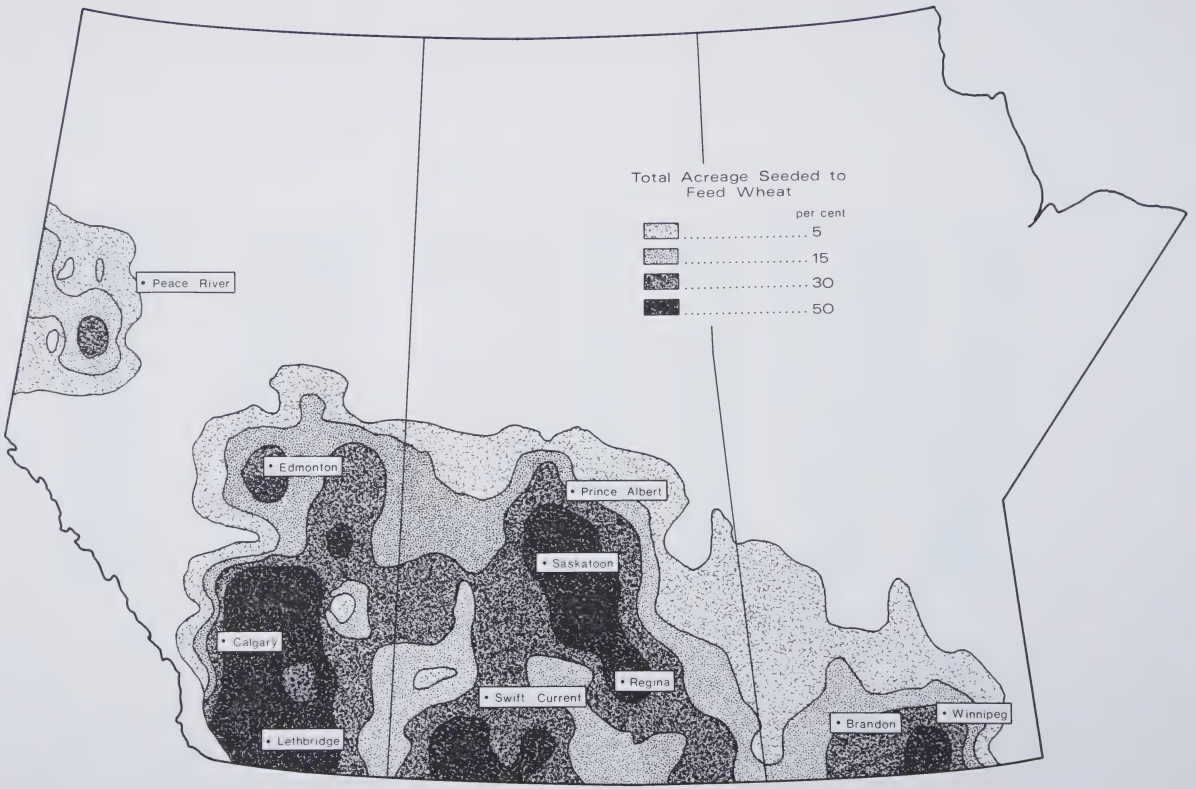
WHEAT


Alberta Red Winter Wheat as A Percent
of Total Cultivated Acres
0-0.5
0.5-2
2-5
5-10
10-20
20-100
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Swift Current
• Regina
• Lethbridge
• Brandon
• Winnipeg

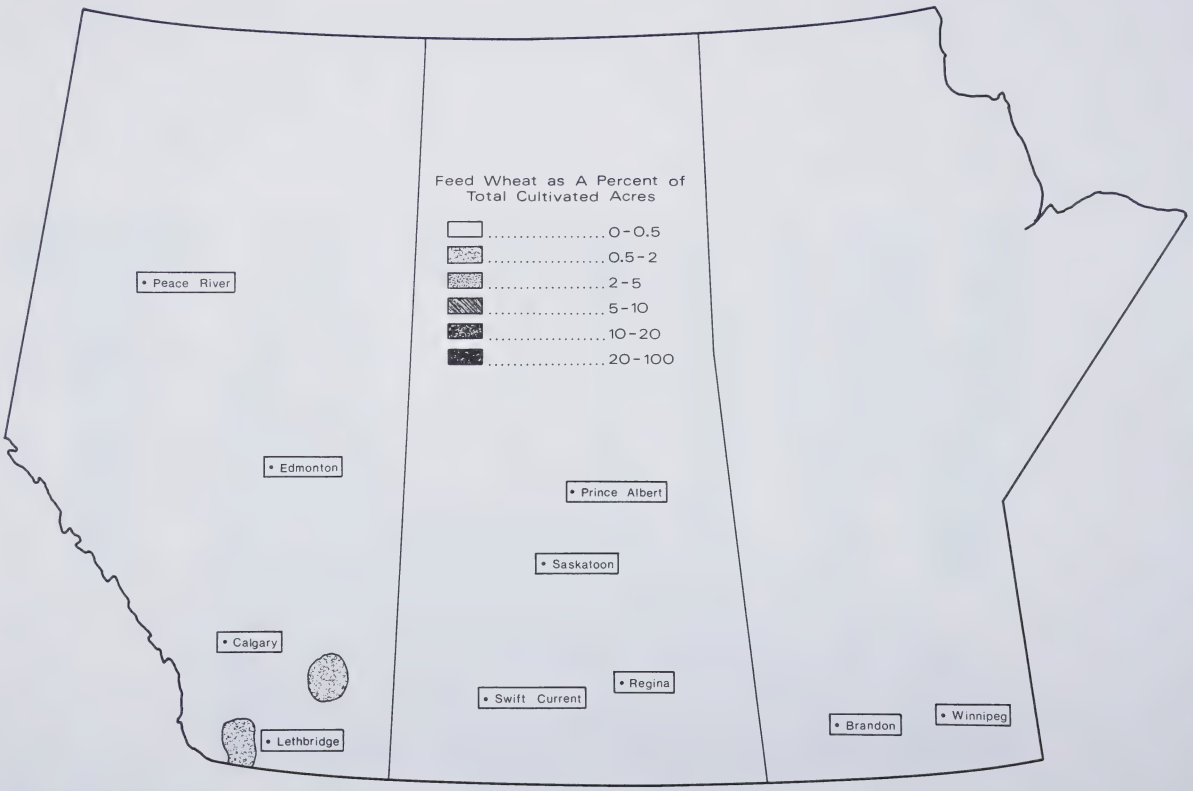
Feed Wheat

Per cent	
5	2,800 acres
15	8,401 acres
30	16,802 acres
50	28,003 acres

Total Acres: 56,005


Total Acreage Seeded to Feed Wheat
per cent
5
15
30
50
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Regina
• Swift Current
• Brandon
• Winnipeg
• Lethbridge

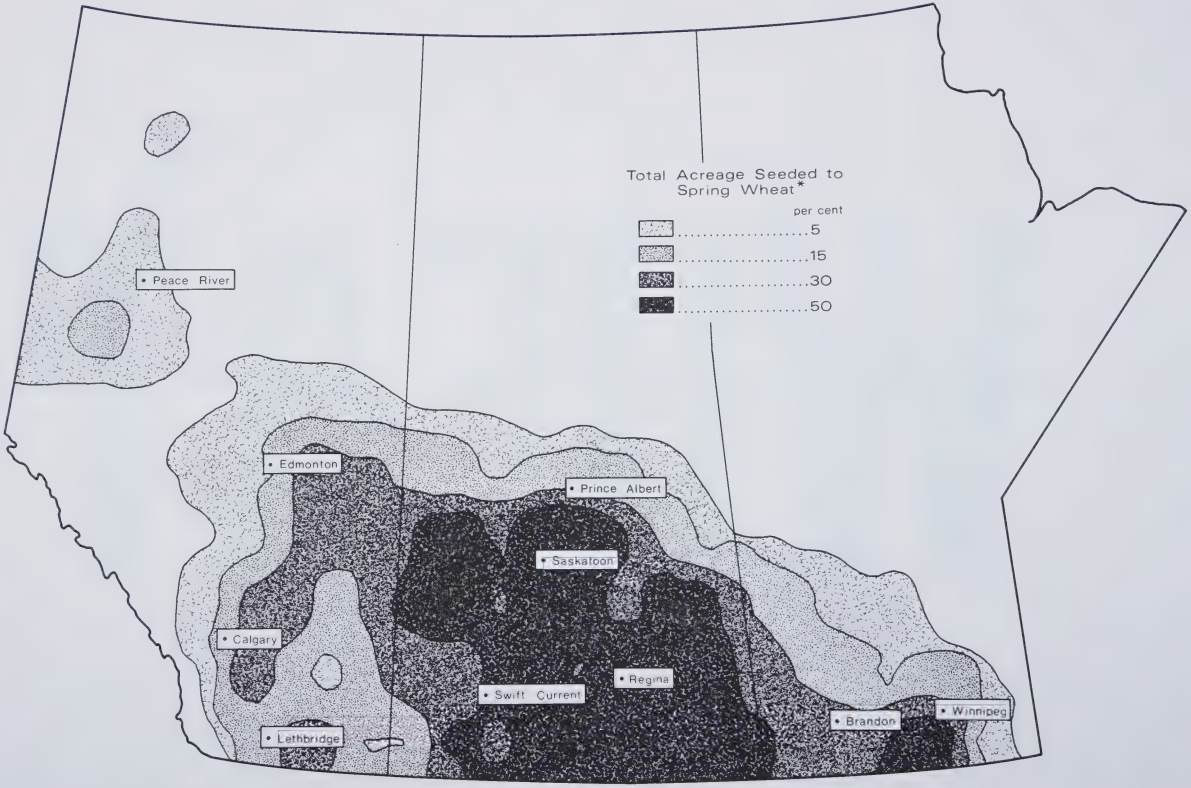
WHEAT


Feed Wheat as A Percent of Total Cultivated Acres
0-0.5
0.5-2
2-5
5-10
10-20
20-100
• Peace River
• Edmonton
• Calgary
• Lethbridge
• Prince Albert
• Saskatoon
• Swift Current
• Regina
• Brandon
• Winnipeg

Spring Wheat

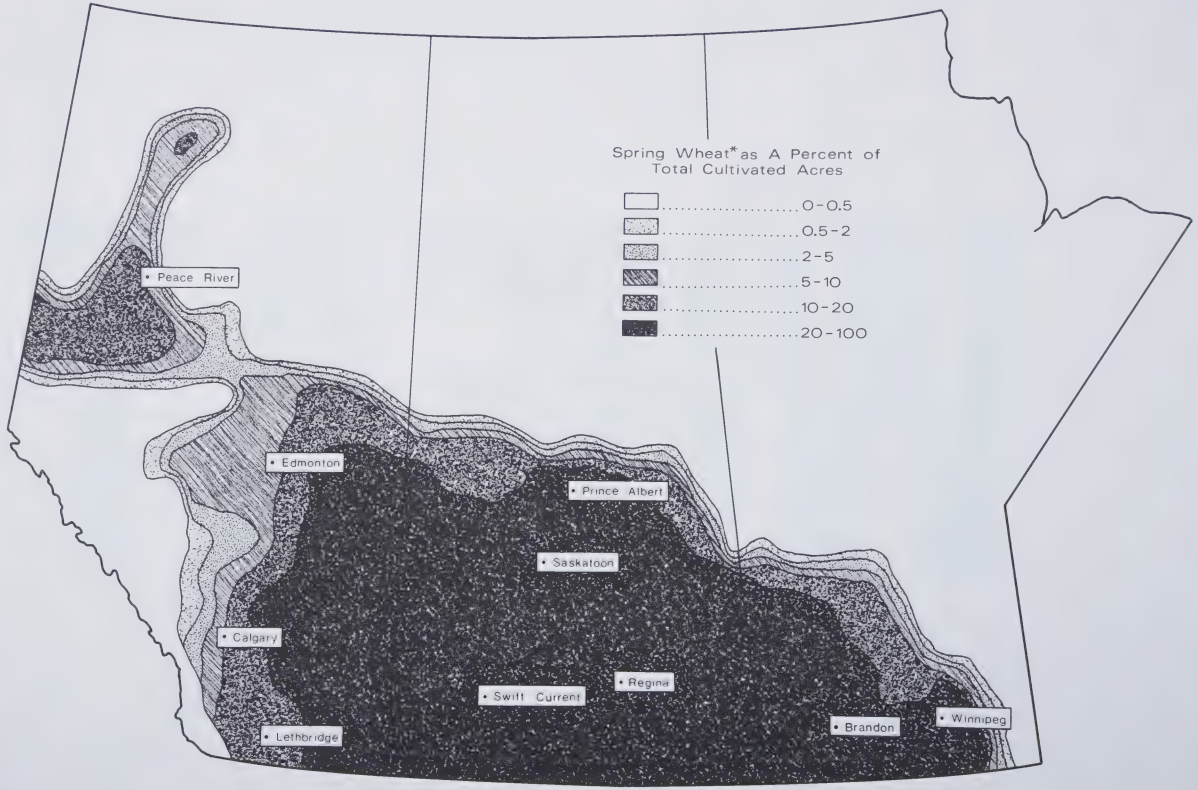
Per cent	
5	943,142 acres
15	2,829,425 acres
30	5,658,849 acres
50	9,431,416 acres

Total Acres: 18,862,831



*C.W.B. reference: all other wheat.

WHEAT

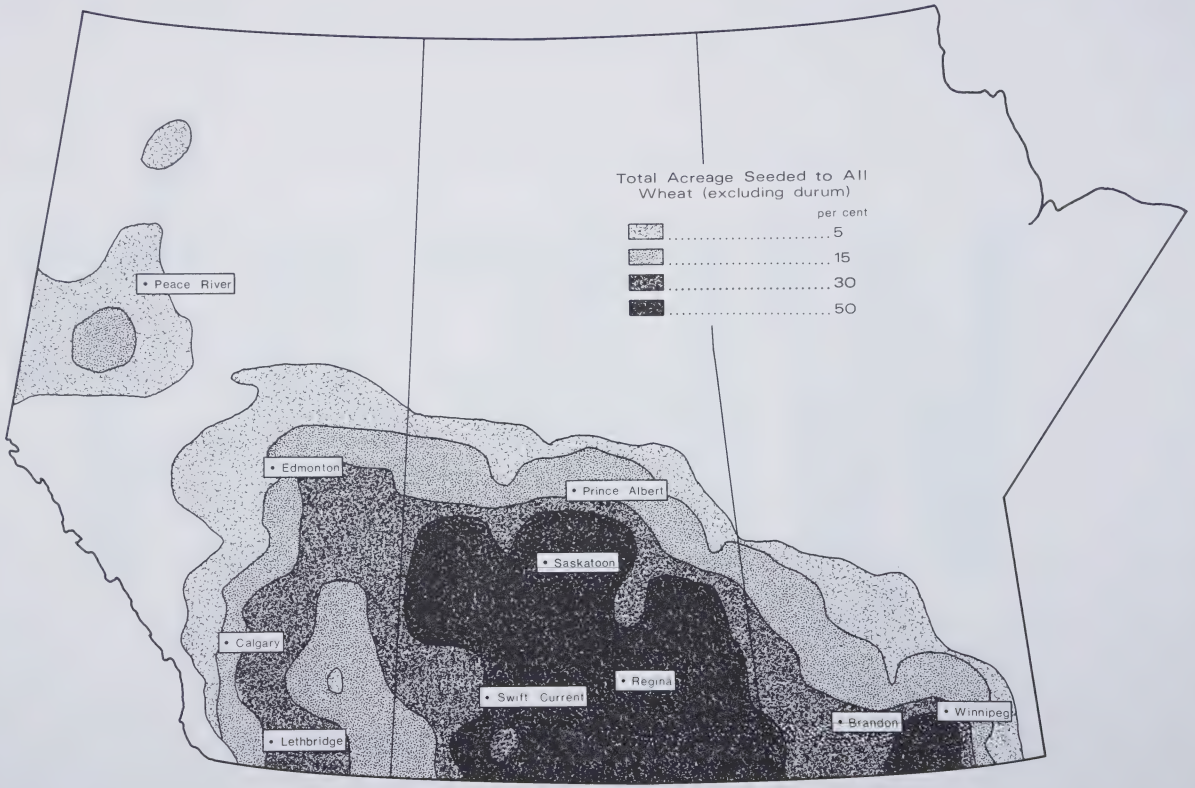


*C.W.B. reference: all other wheat.

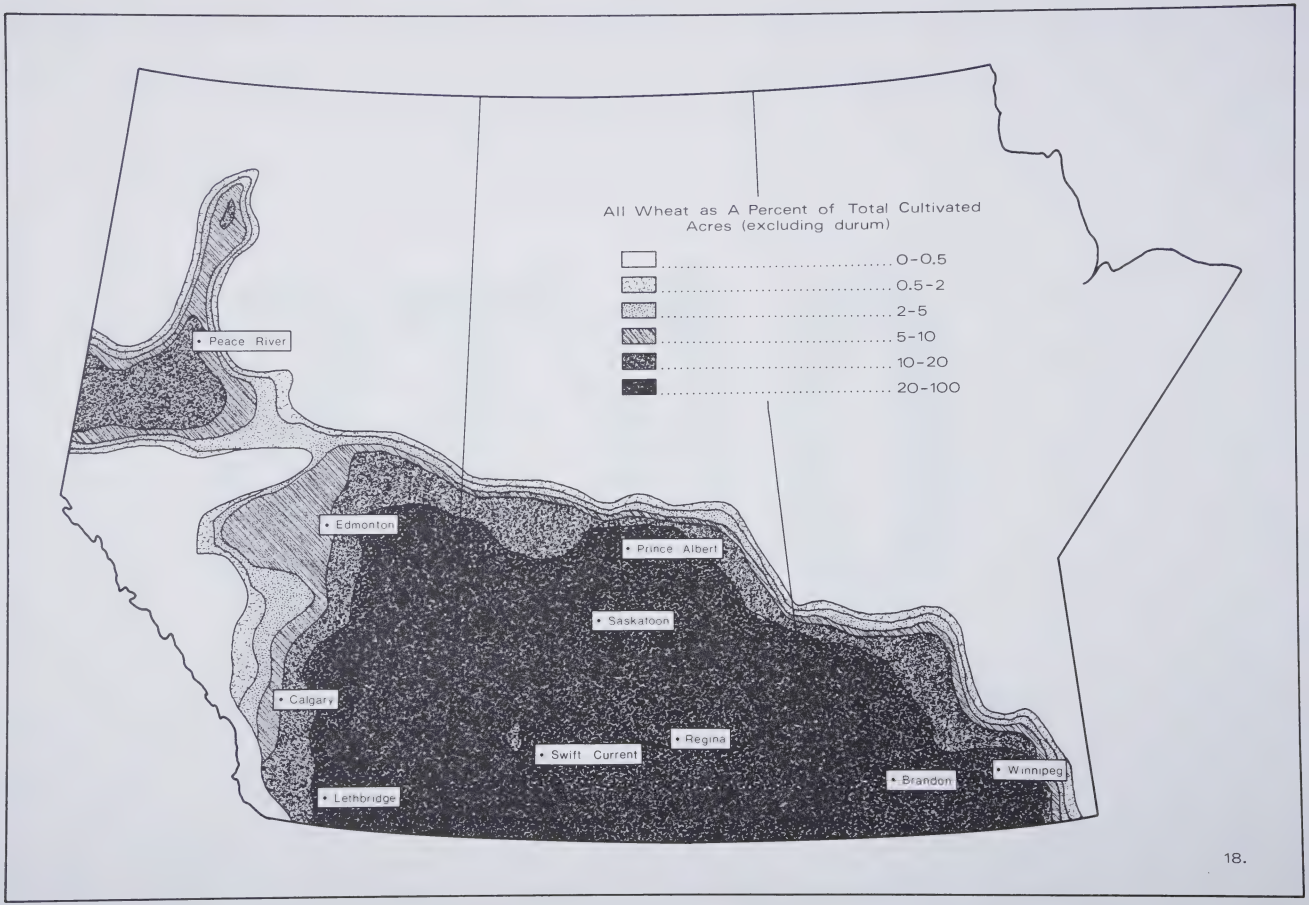
All Wheat
(excluding durum)

Per cent	
5	957,591 acres
15	2,872,774 acres
30	5,745,549 acres
50	9,575,915 acres

Total Acres: 19,151,829


Total Acreage Seeded to All Wheat (excluding durum)
per cent
5
15
30
50
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Regina
• Swift Current
• Brandon
• Winnipeg
• Lethbridge

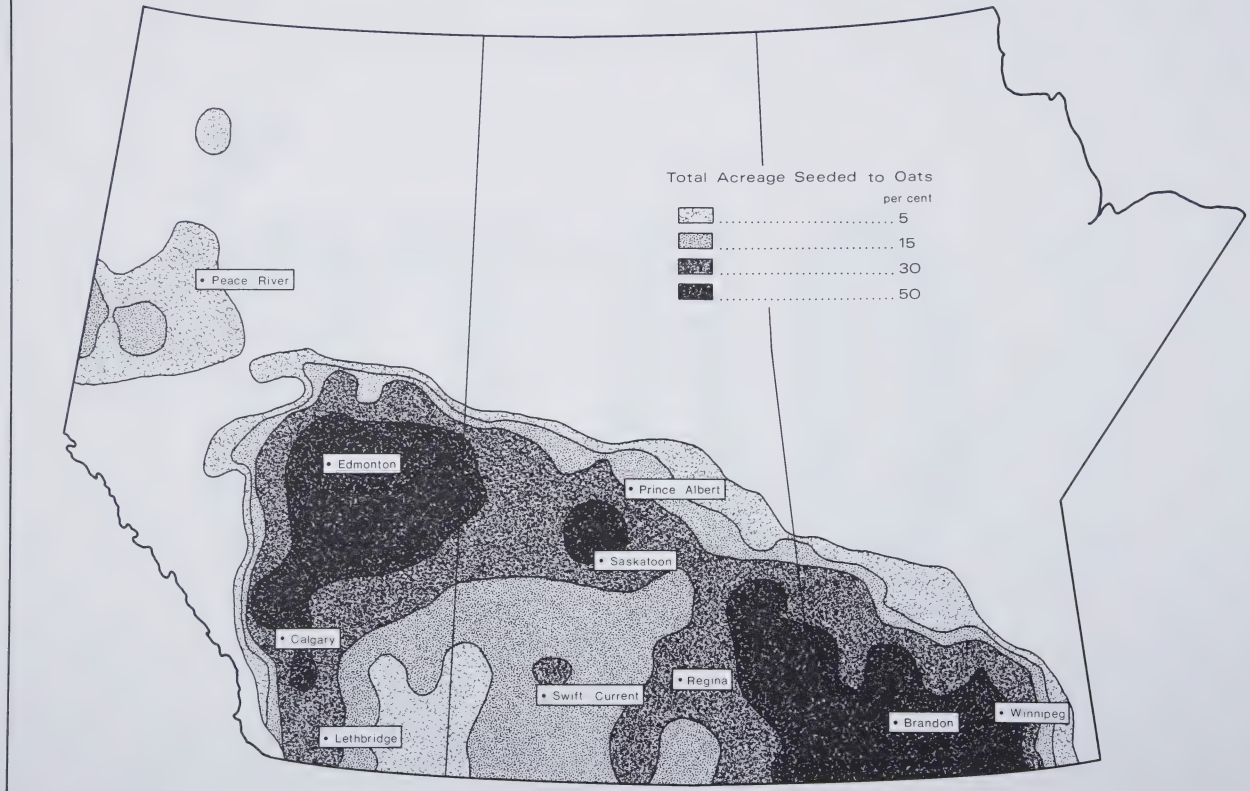
WHEAT


All Wheat as A Percent of Total Cultivated Acres (excluding durum)
0-0.5
0.5-2
2-5
5-10
10-20
20-100
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Regina
• Swift Current
• Brandon
• Winnipeg
• Lethbridge

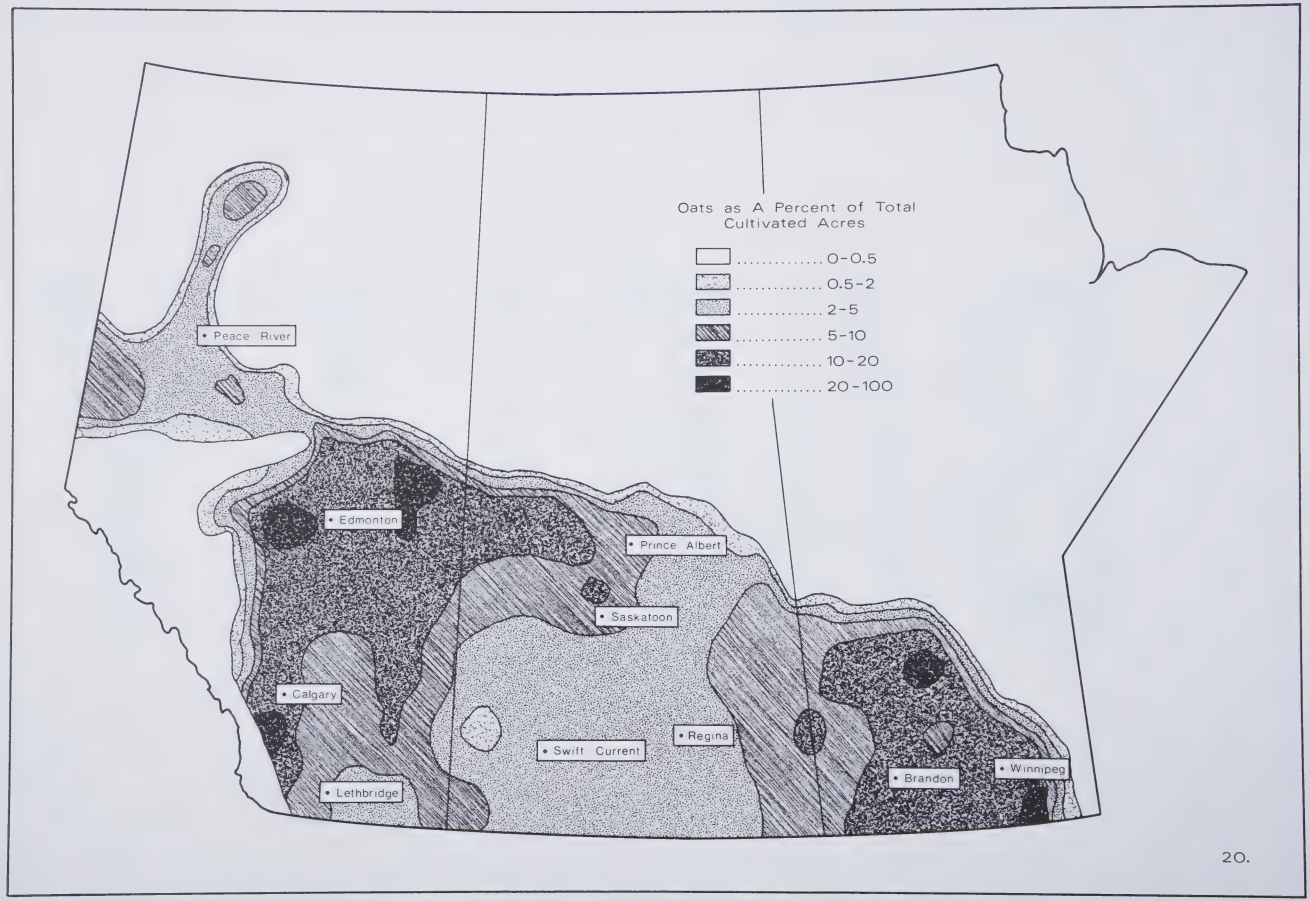
Oats

Per cent	
5	281,054 acres
15	843,163 acres
30	1,686,326 acres
50	2,810,543 acres

Total Acres: 5,621,085


Total Acreage Seeded to Oats
per cent
5
15
30
50
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Swift Current
• Regina
• Brandon
• Winnipeg
• Lethbridge

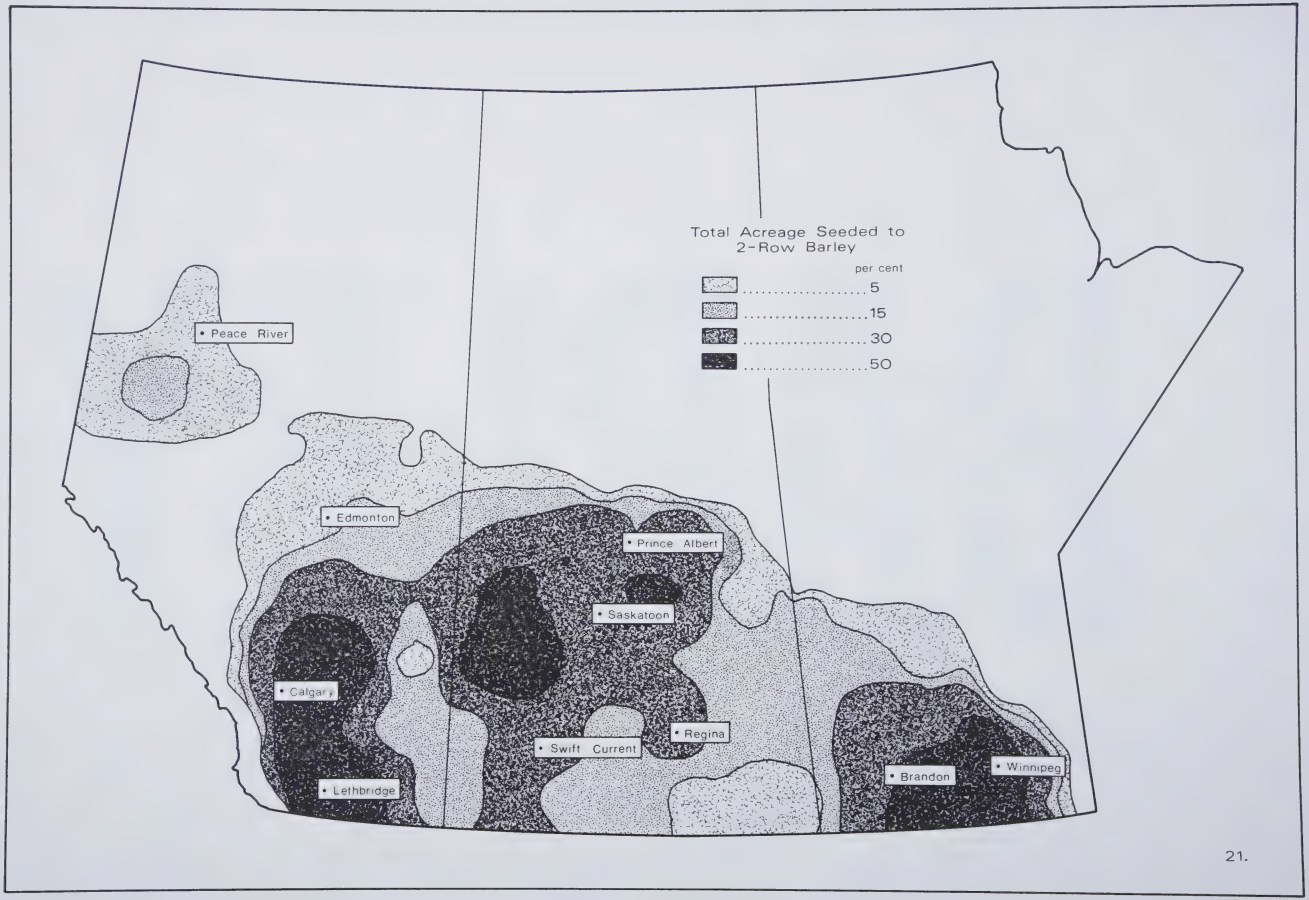
OATS


Oats as A Percent of Total Cultivated Acres
0-0.5
0.5-2
2-5
5-10
10-20
20-100
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Swift Current
• Regina
• Brandon
• Winnipeg
• Lethbridge

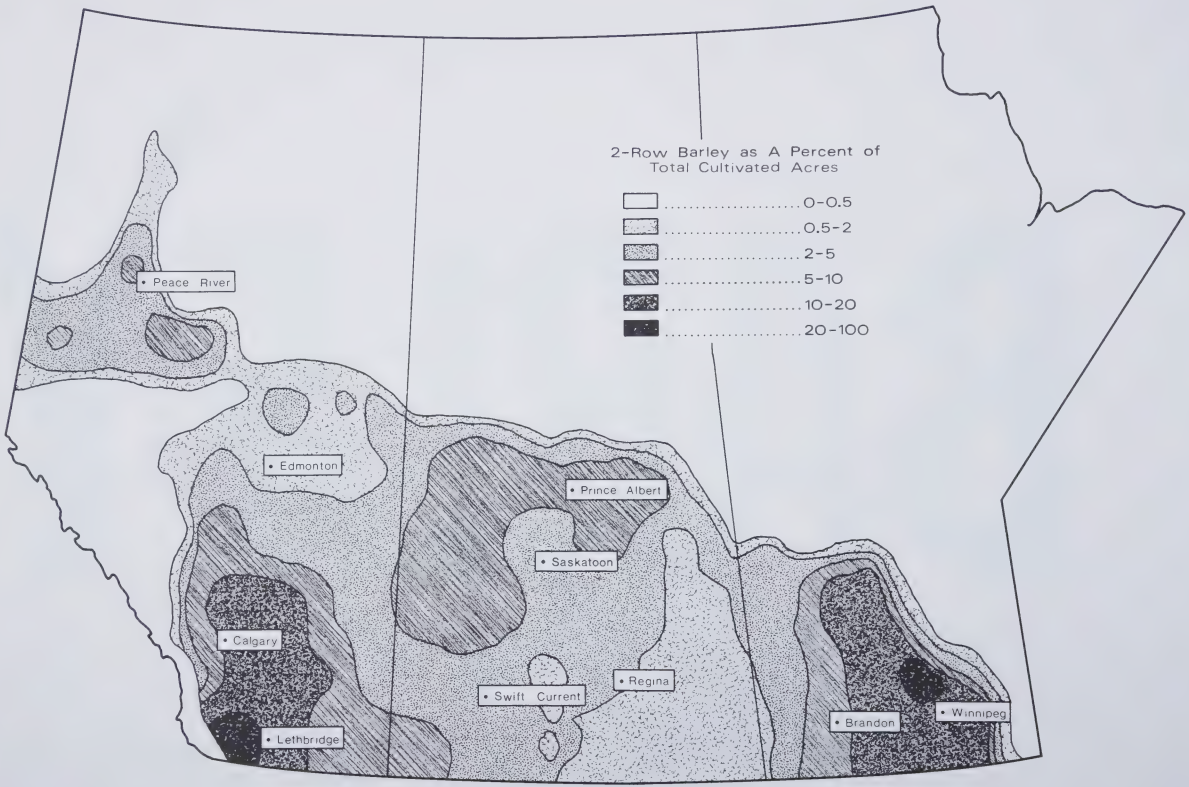
2-Row Barley

Per cent	
5	208,109 acres
15	624,326 acres
30	1,248,651 acres
50	2,081,085 acres

Total Acres: 4,162,170


Total Acreage Seeded to
2-Row Barley
per cent
5
15
30
50
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Regina
• Swift Current
• Lethbridge
• Brandon
• Winnipeg

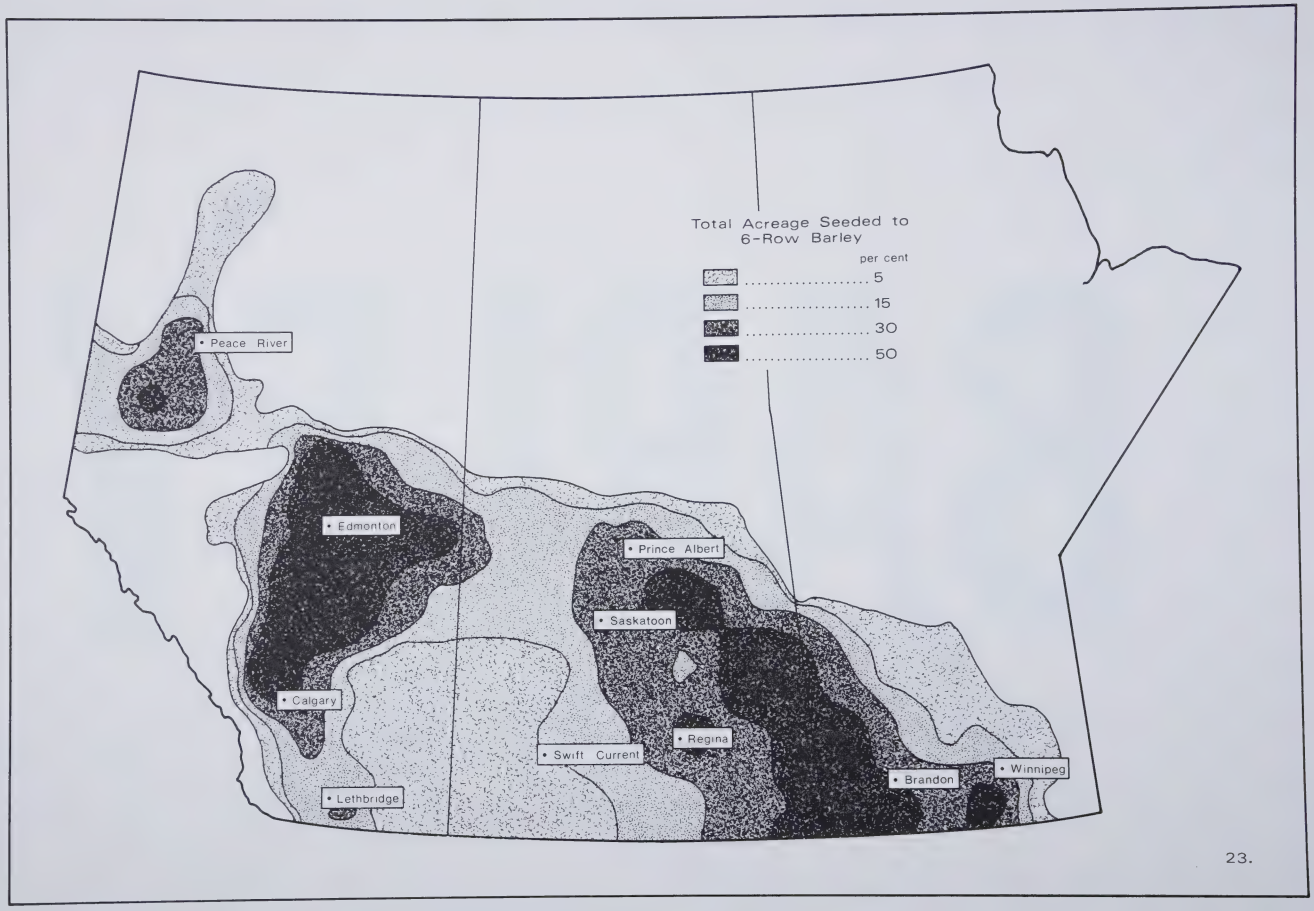
BARLEY


2-Row Barley as A Percent of
Total Cultivated Acres
0-0.5
0.5-2
2-5
5-10
10-20
20-100
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Swift Current
• Regina
• Brandon
• Winnipeg
• Lethbridge

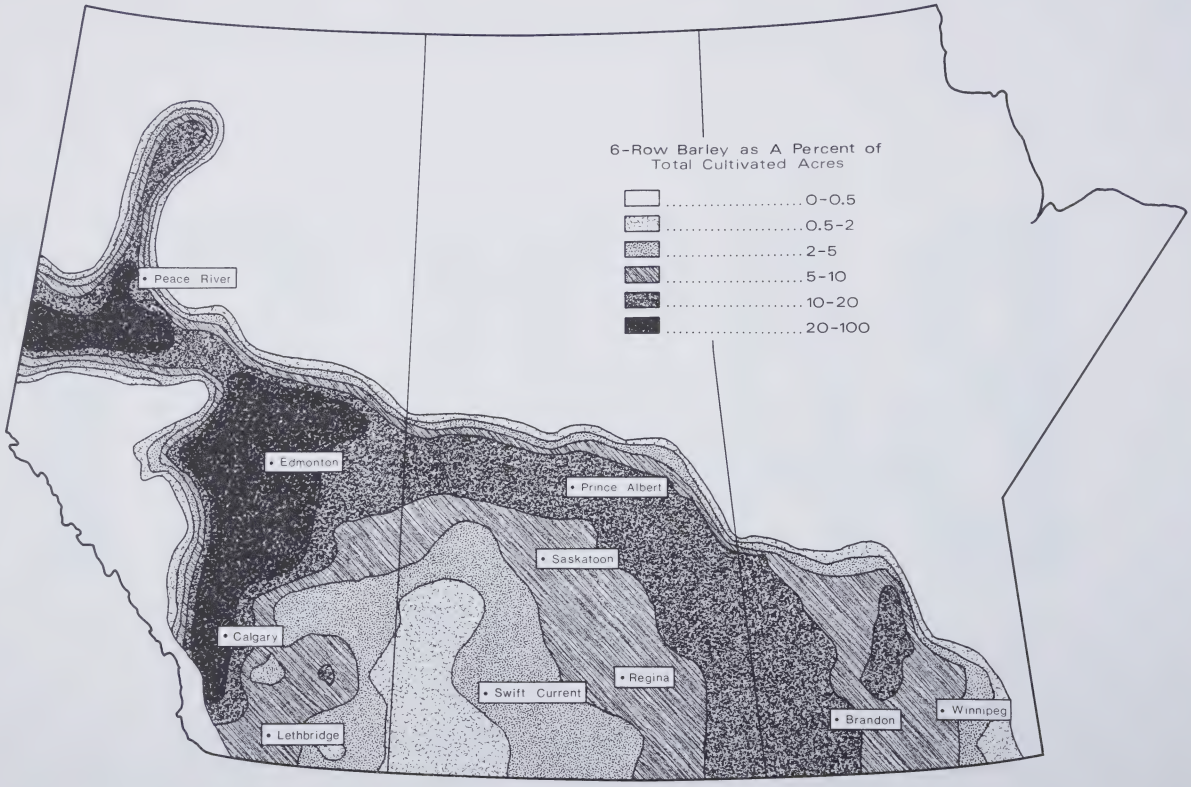
6-Row Barley

Per cent	
5	429,898 acres
15	1,289,695 acres
30	2,579,390 acres
50	4,298,983 acres

Total Acres: 8,597,966


Total Acreage Seeded to
6-Row Barley
per cent
5
15
30
50
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Regina
• Swift Current
• Brandon
• Winnipeg
• Lethbridge

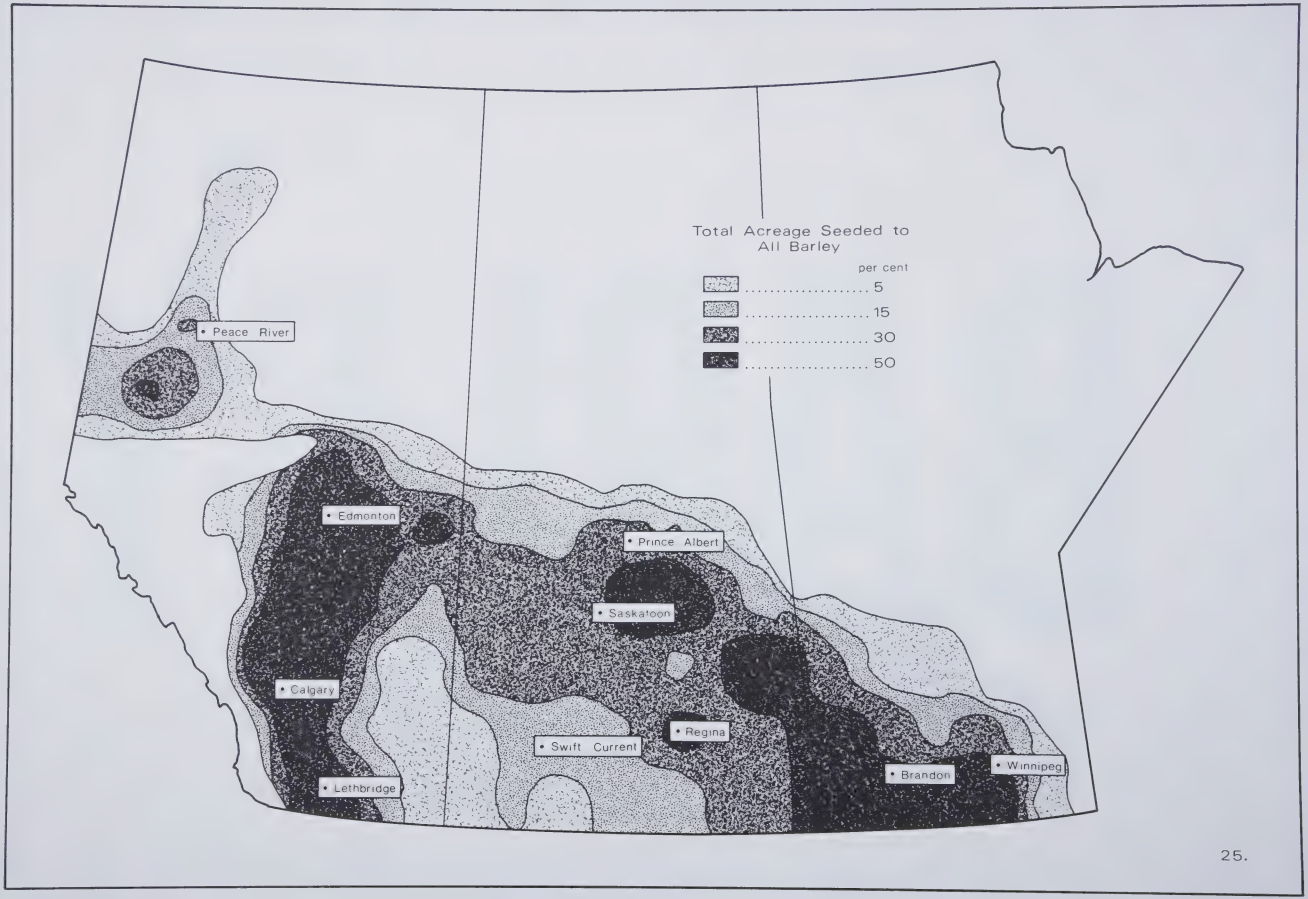
BARLEY


6-Row Barley as A Percent of
Total Cultivated Acres
0-0.5
0.5-2
2-5
5-10
10-20
20-100
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Swift Current
• Regina
• Brandon
• Winnipeg
• Lethbridge

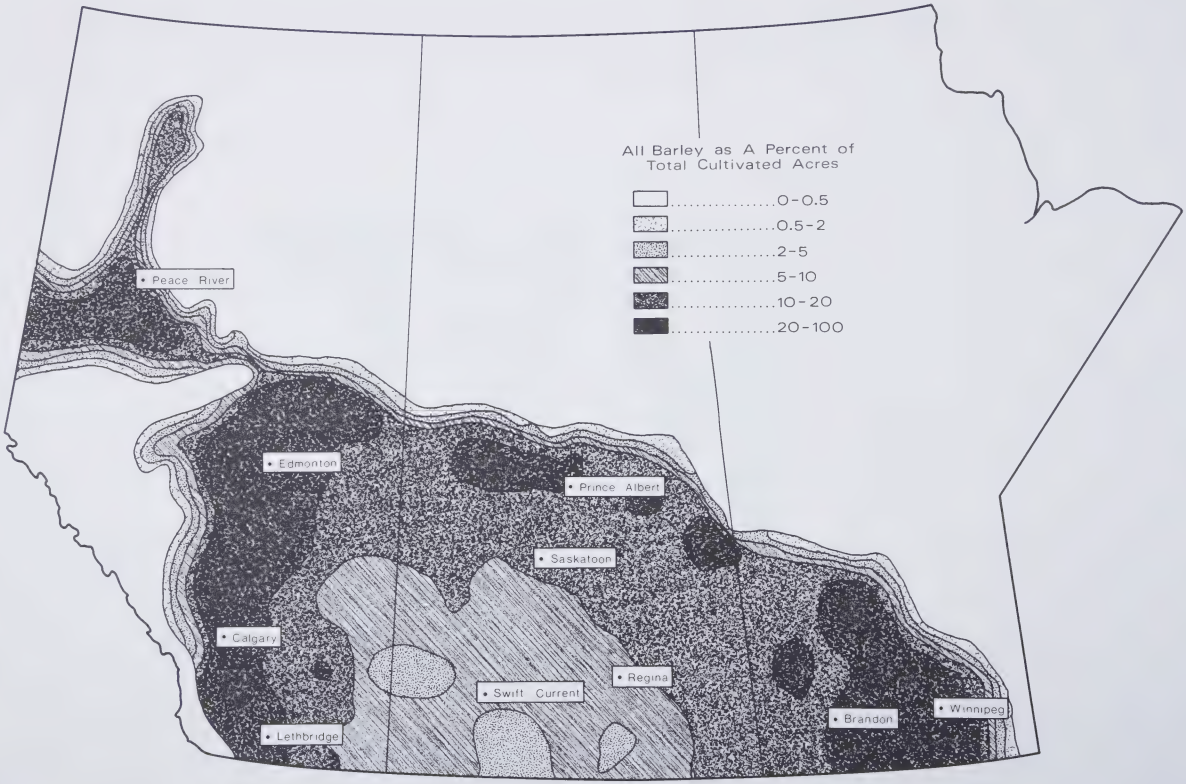
All Barley

Per cent	
5	638,007 acres
15	1,914,020 acres
30	3,828,041 acres
50	6,380,068 acres

Total Acres: 12,760,136


Total Acreage Seeded to All Barley
per cent
5
15
30
50
Peace River
Edmonton
Prince Albert
Saskatoon
Calgary
Regina
Swift Current
Brandon
Winnipeg
Lethbridge

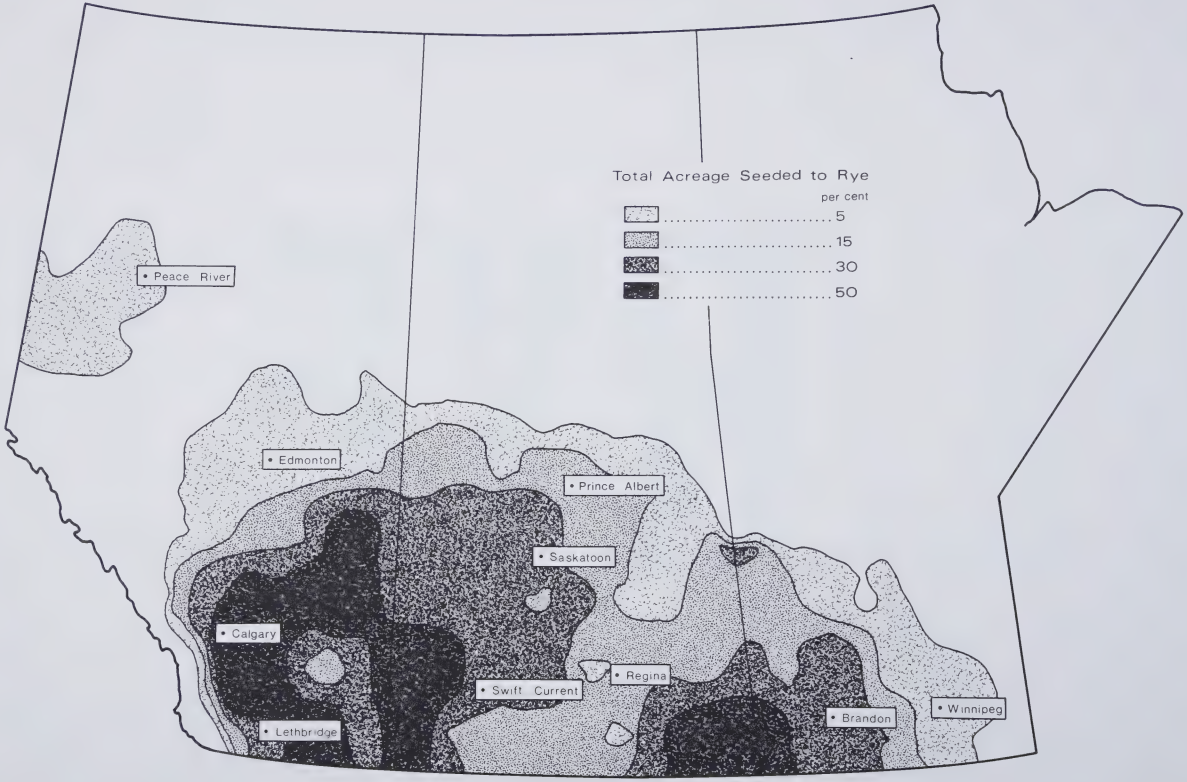
BARLEY


All Barley as A Percent of
Total Cultivated Acres
0-0.5
0.5-2
2-5
5-10
10-20
20-100
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Regina
• Swift Current
• Brandon
• Winnipeg
• Lethbridge

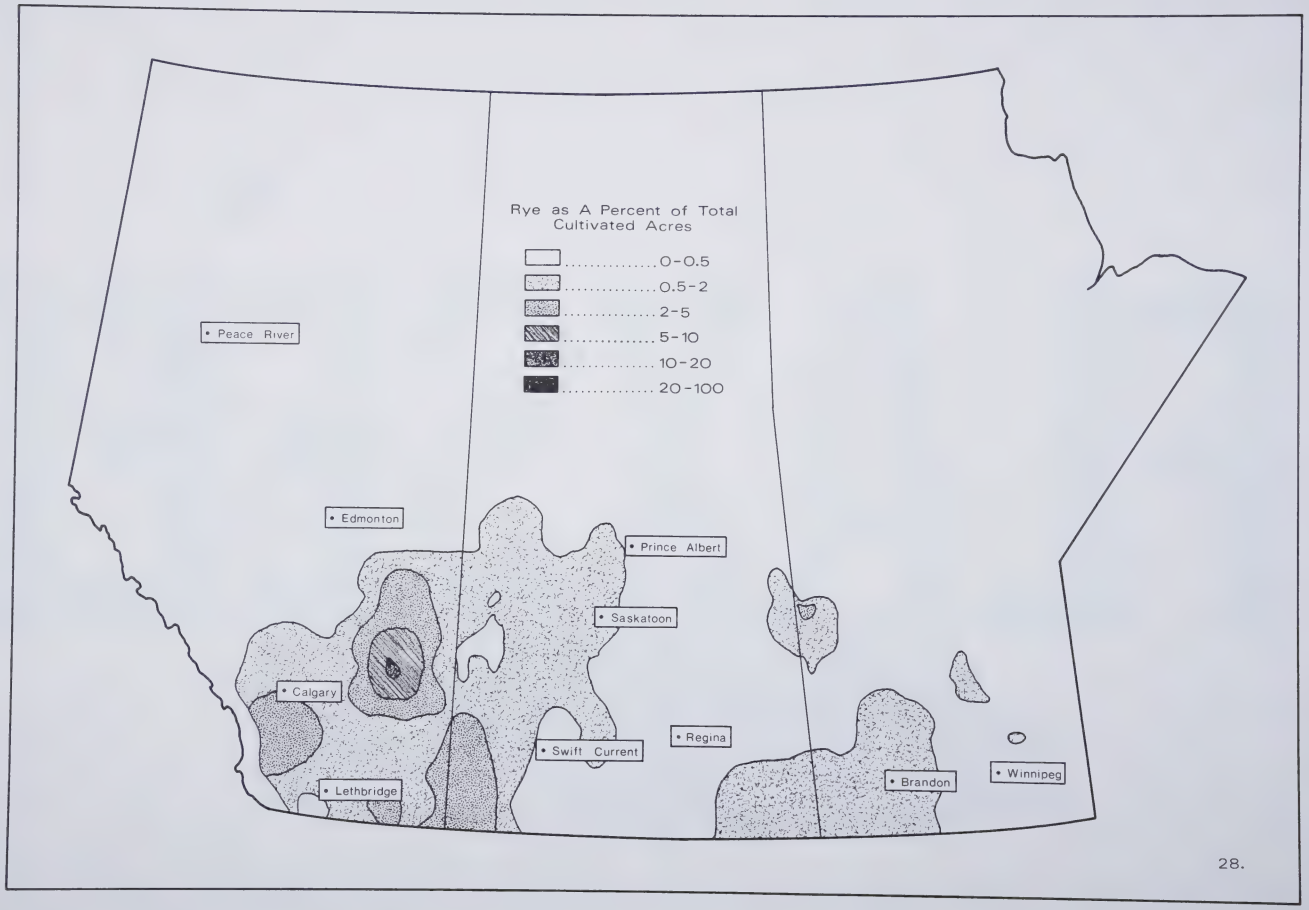
Rye

Per cent	
5	26,656 acres
15	79,967 acres
30	159,934 acres
50	266,557 acres

Total Acres: 533,113

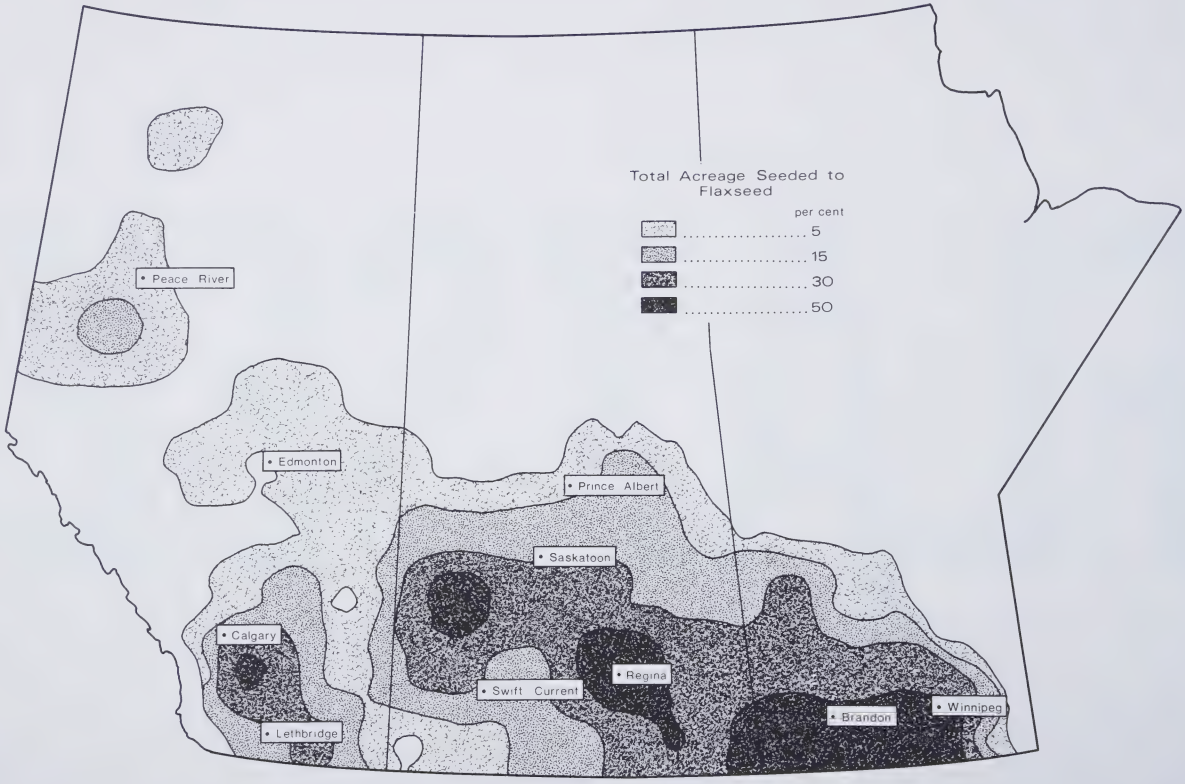

Total Acreage Seeded to Rye
per cent
5
15
30
50
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Regina
• Swift Current
• Brandon
• Winnipeg
• Lethbridge

RYE

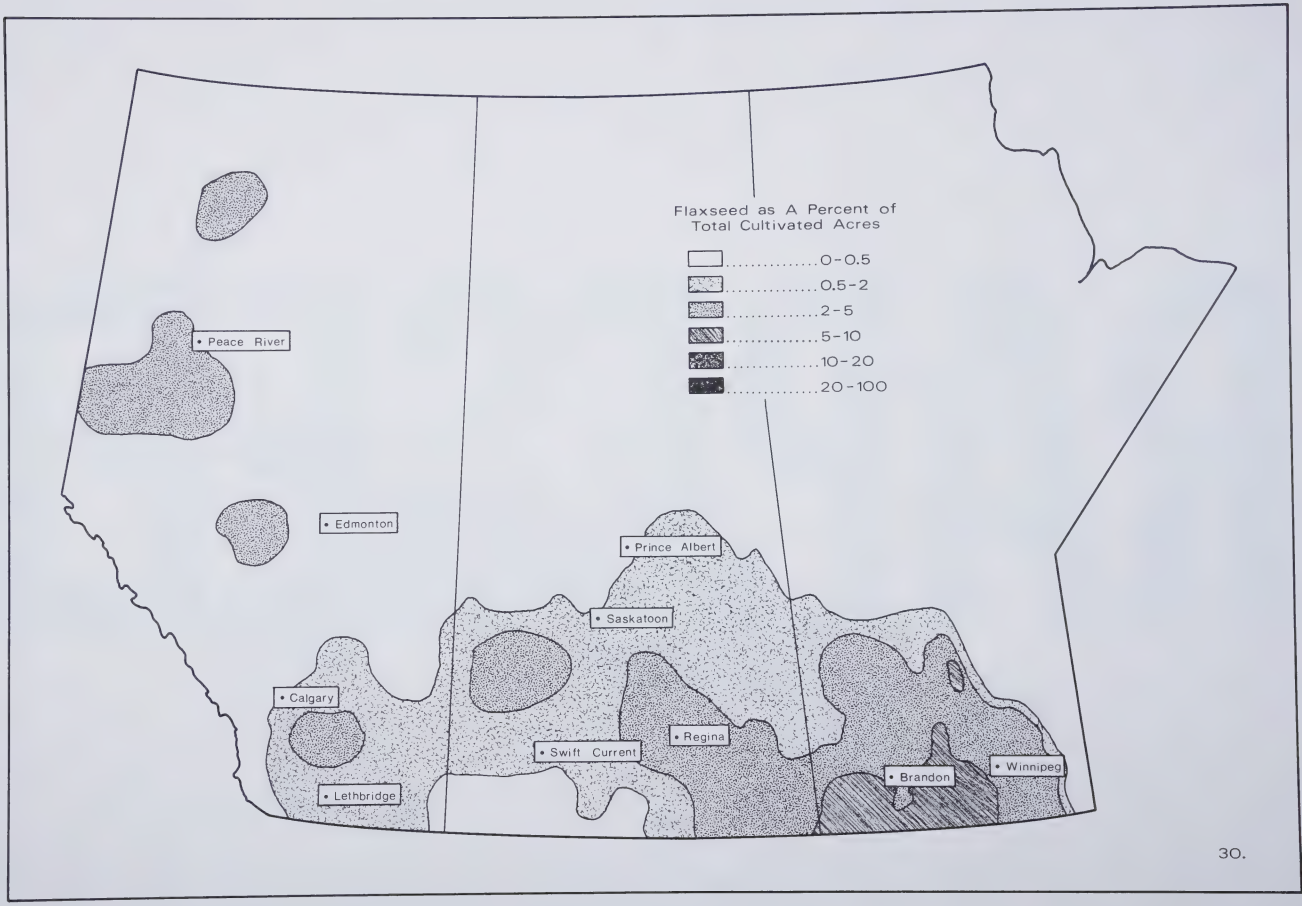

Rye as A Percent of Total Cultivated Acres
0-0.5
0.5-2
2-5
5-10
10-20
20-100
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Regina
• Swift Current
• Lethbridge
• Brandon
• Winnipeg

Per cent	Flaxseed
5	63,848 acres
15	191,543 acres
30	383,086 acres
50	638,476 acres

Total Acres: 1,276,952


Total Acreage Seeded to Flaxseed
per cent
5
15
30
50
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Swift Current
• Regina
• Brandon
• Winnipeg
• Lethbridge

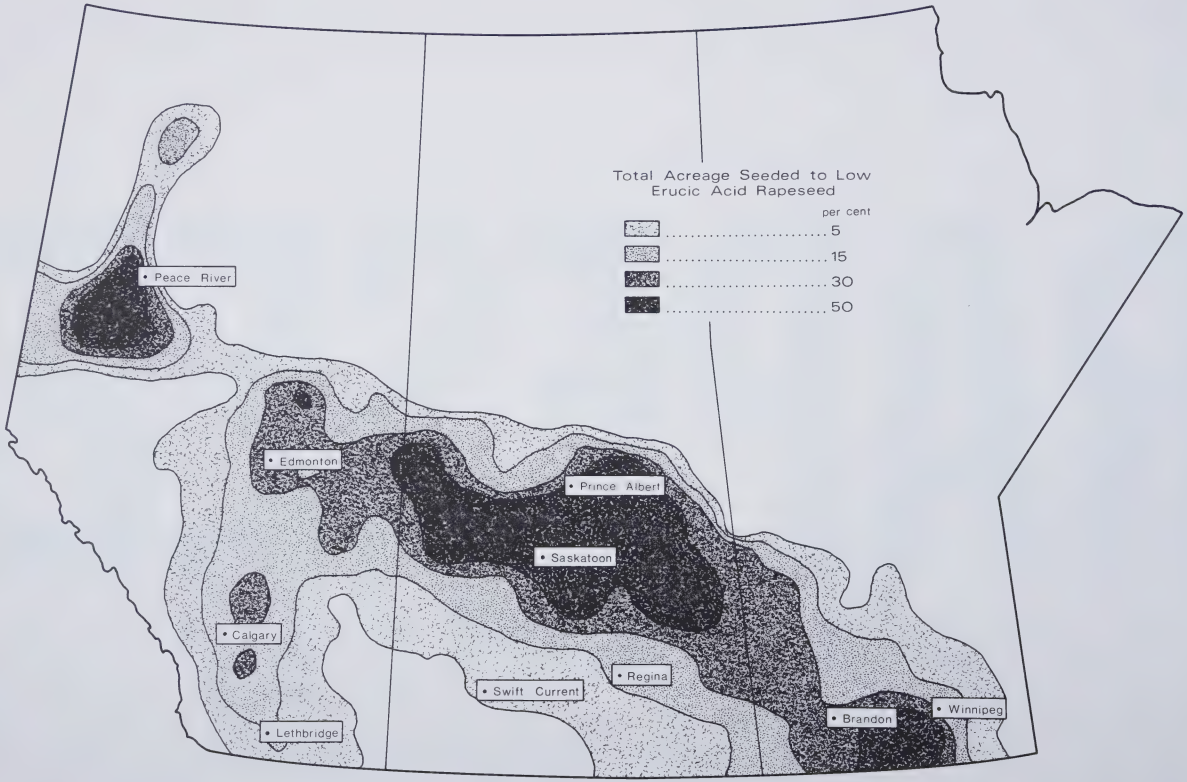
FLAXSEED


Flaxseed as A Percent of
Total Cultivated Acres
0-0.5
0.5-2
2-5
5-10
10-20
20-100
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Regina
• Swift Current
• Brandon
• Winnipeg
• Lethbridge

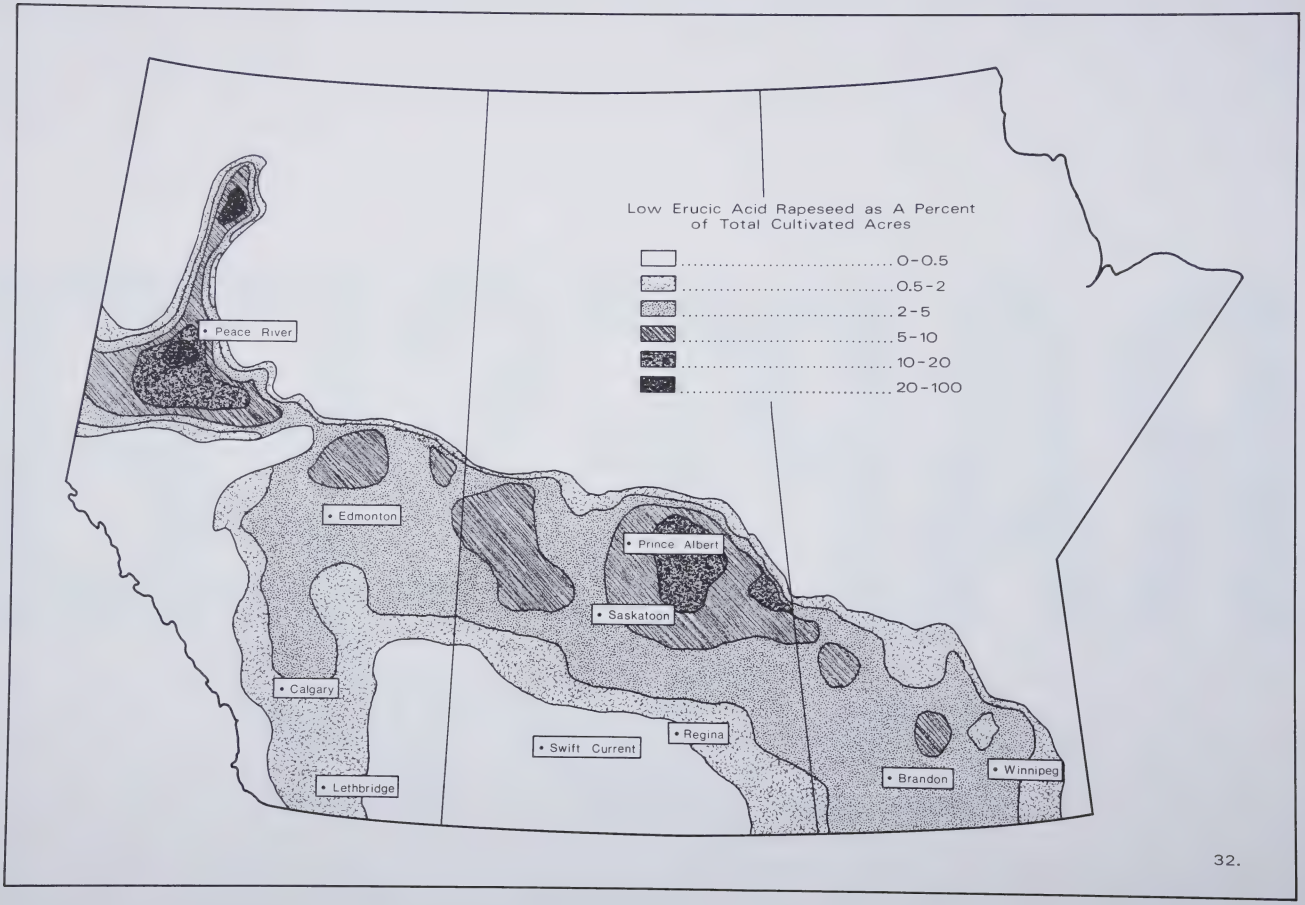
L.E.A. Rapeseed

Per cent	
5	131,078 acres
15	393,233 acres
30	786,466 acres
50	1,310,777 acres

Total Acres: 2,621,554


Total Acreage Seeded to Low Erucic Acid Rapeseed
per cent
5
15
30
50
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Swift Current
• Regina
• Lethbridge
• Brandon
• Winnipeg

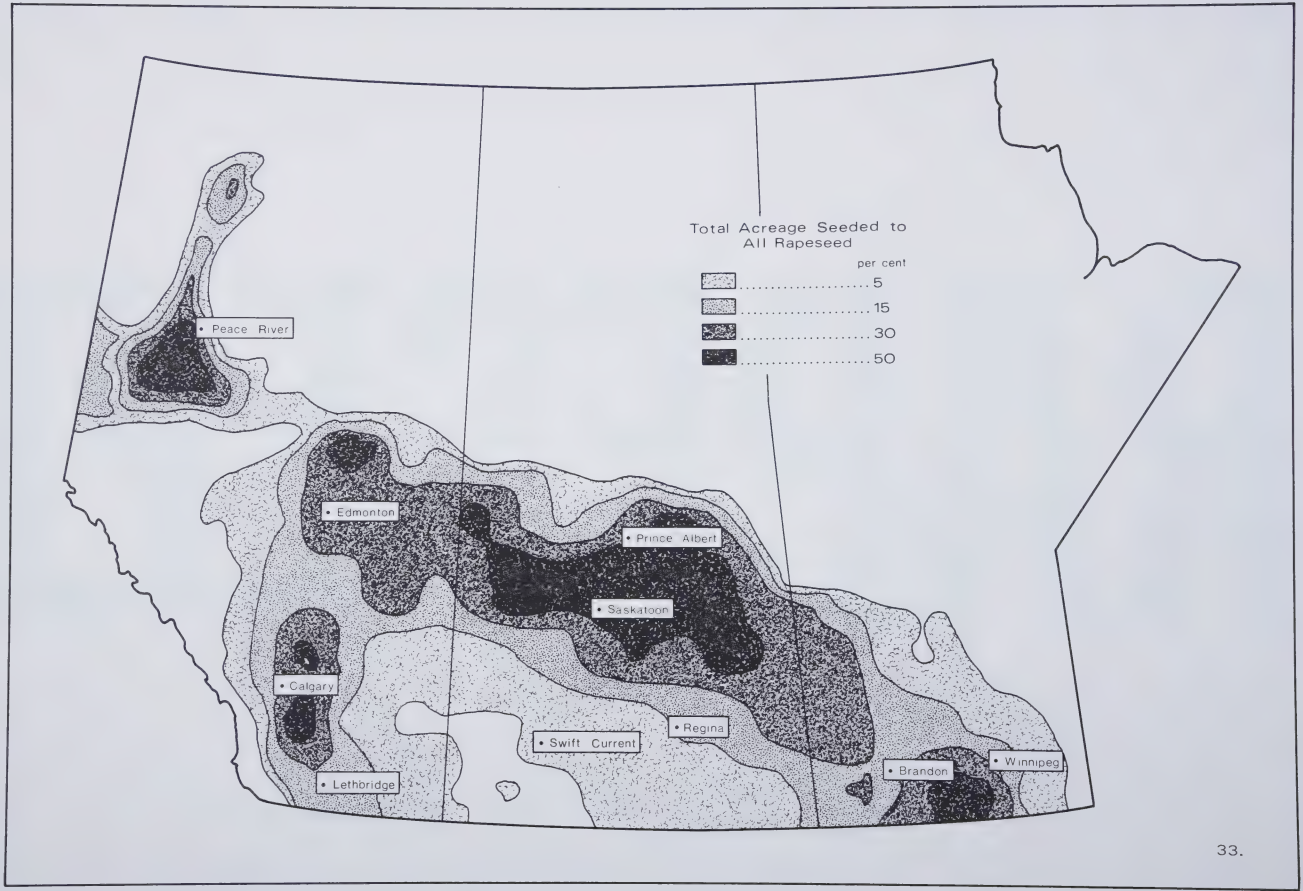
RAPESEED


Low Erucic Acid Rapeseed as A Percent of Total Cultivated Acres
0-0.5
0.5-2
2-5
5-10
10-20
20-100
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Swift Current
• Regina
• Brandon
• Winnipeg
• Lethbridge

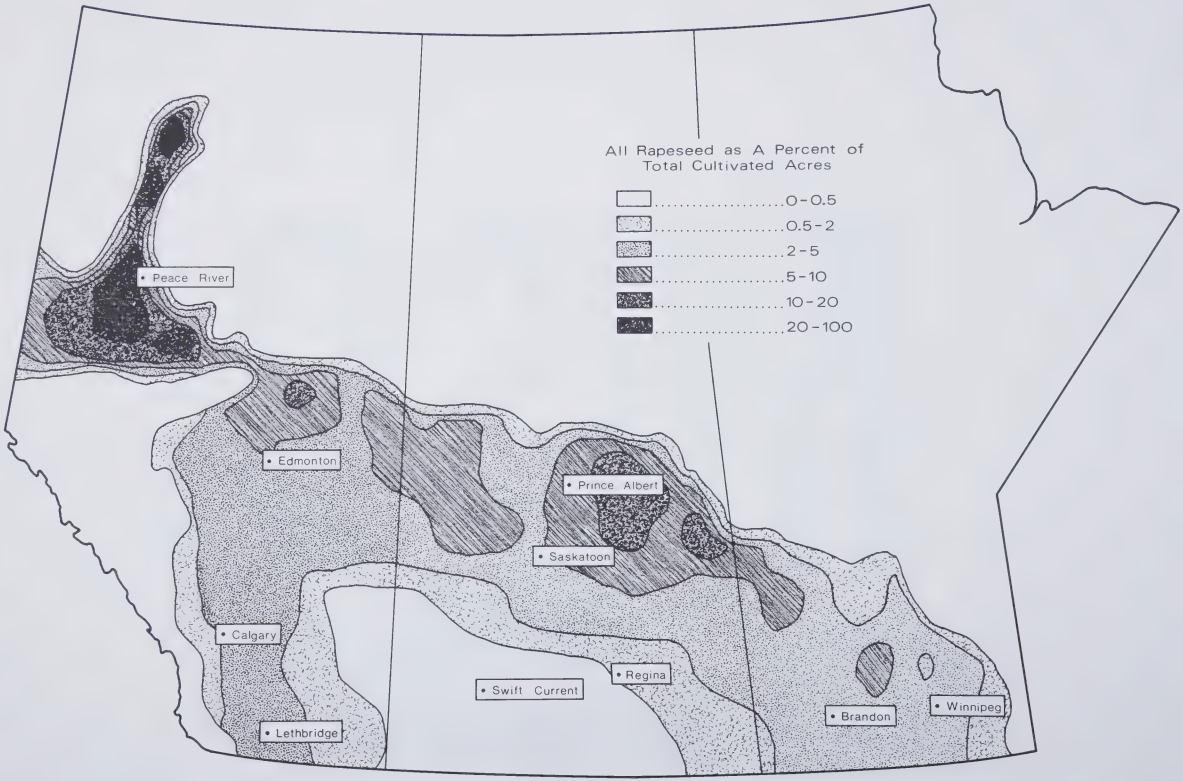
All Rapeseed

Per cent	
5	157,075 acres
15	471,224 acres
30	942,448 acres
50	1,570,747 acres

Total Acres: 3,141,494


Total Acreage Seeded to All Rapeseed
per cent
5
15
30
50
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Regina
• Swift Current
• Brandon
• Winnipeg
• Lethbridge

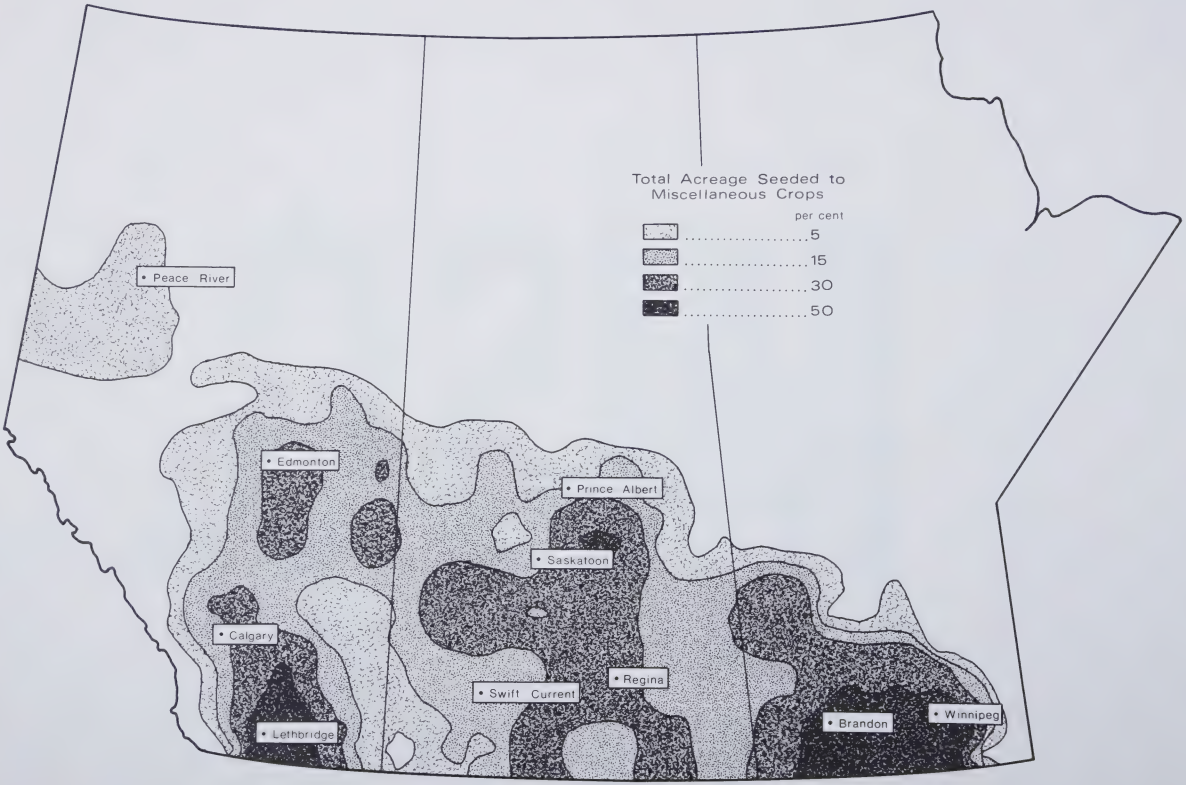
RAPESEED


All Rapeseed as A Percent of
Total Cultivated Acres
0-0.5
0.5-2
2-5
5-10
10-20
20-100
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Swift Current
• Regina
• Brandon
• Winnipeg
• Lethbridge

Miscellaneous Crops

Per cent	
5	45,386 acres
15	136,157 acres
30	272,315 acres
50	453,858 acres

Total Acres: 907,716


Total Acreage Seeded to Miscellaneous Crops
per cent
5
15
30
50
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Swift Current
• Regina
• Lethbridge
• Brandon
• Winnipeg

MISC.

Miscellaneous Crops as A Percent of Total Cultivated Acres
0-0.5
0.5-2
2-5
5-10
10-20
20-100
Peace River
Edmonton
Calgary
Lethbridge
Prince Albert
Saskatoon
Regina
Swift Current
Brandon
Winnipeg

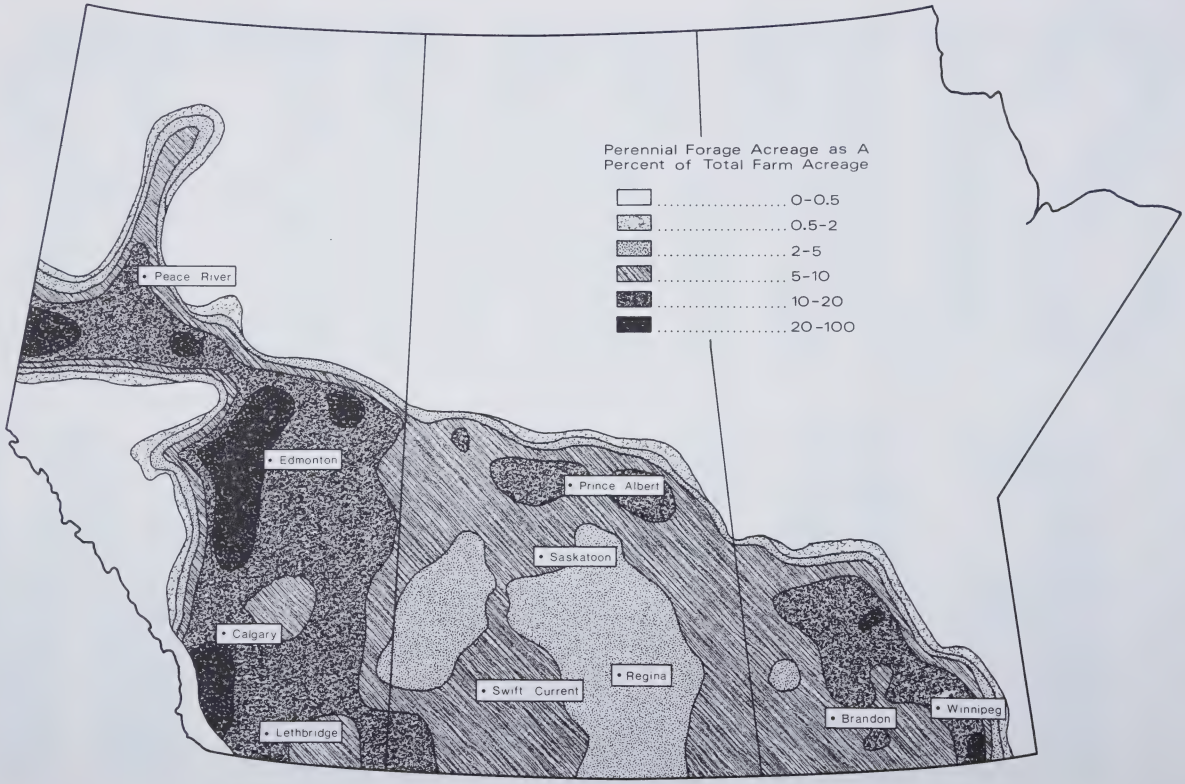
Perennial Forage

Per cent	
5	538,656 acres
15	1,615,967 acres
30	3,231,934 acres
50	5,386,557 acres

Total Acres: 10,773,113

Total Acreage Seeded to Perennial Forage
per cent
5
15
30
50
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Regina
• Swift Current
• Brandon
• Winnipeg
• Lethbridge

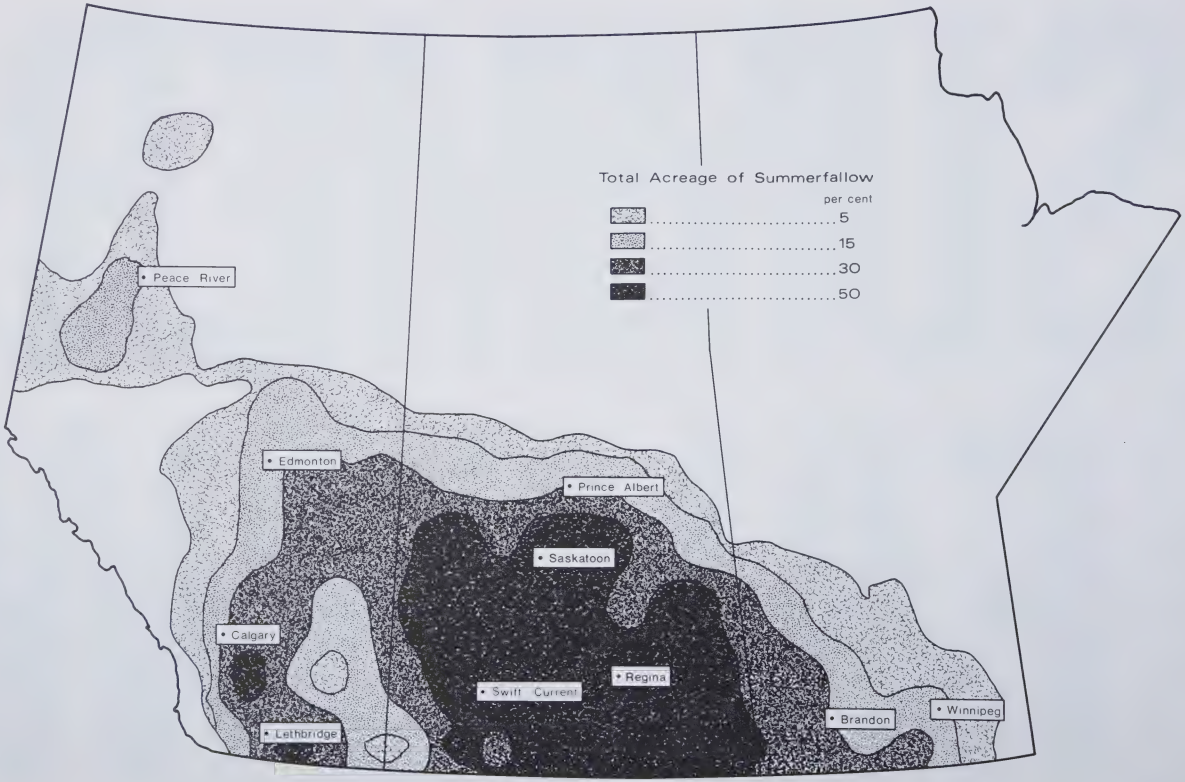
FORAGE


Perennial Forage Acreage as A Percent of Total Farm Acreage
0-0.5
0.5-2
2-5
5-10
10-20
20-100
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Regina
• Swift Current
• Brandon
• Winnipeg
• Lethbridge

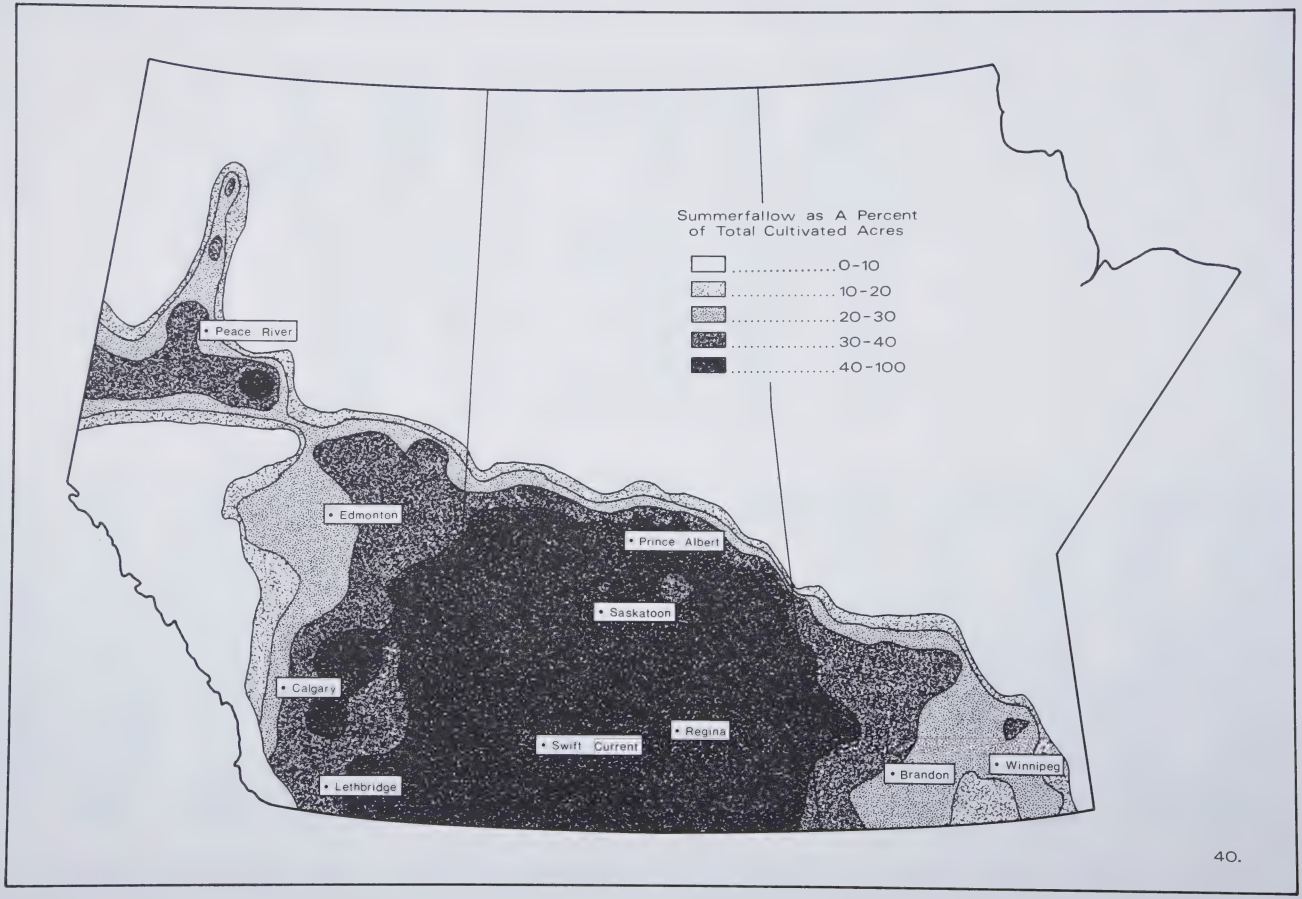
Summerfallow

Per cent	
5	1,557,980 acres
15	4,673,941 acres
30	9,347,883 acres
50	15,579,805 acres

Total Acres: 31,159,609


Total Acreage of Summerfallow
per cent
5
15
30
50
Peace River
Edmonton
Prince Albert
Saskatoon
Calgary
Regina
Swift Current
Brandon
Winnipeg
Lethbridge

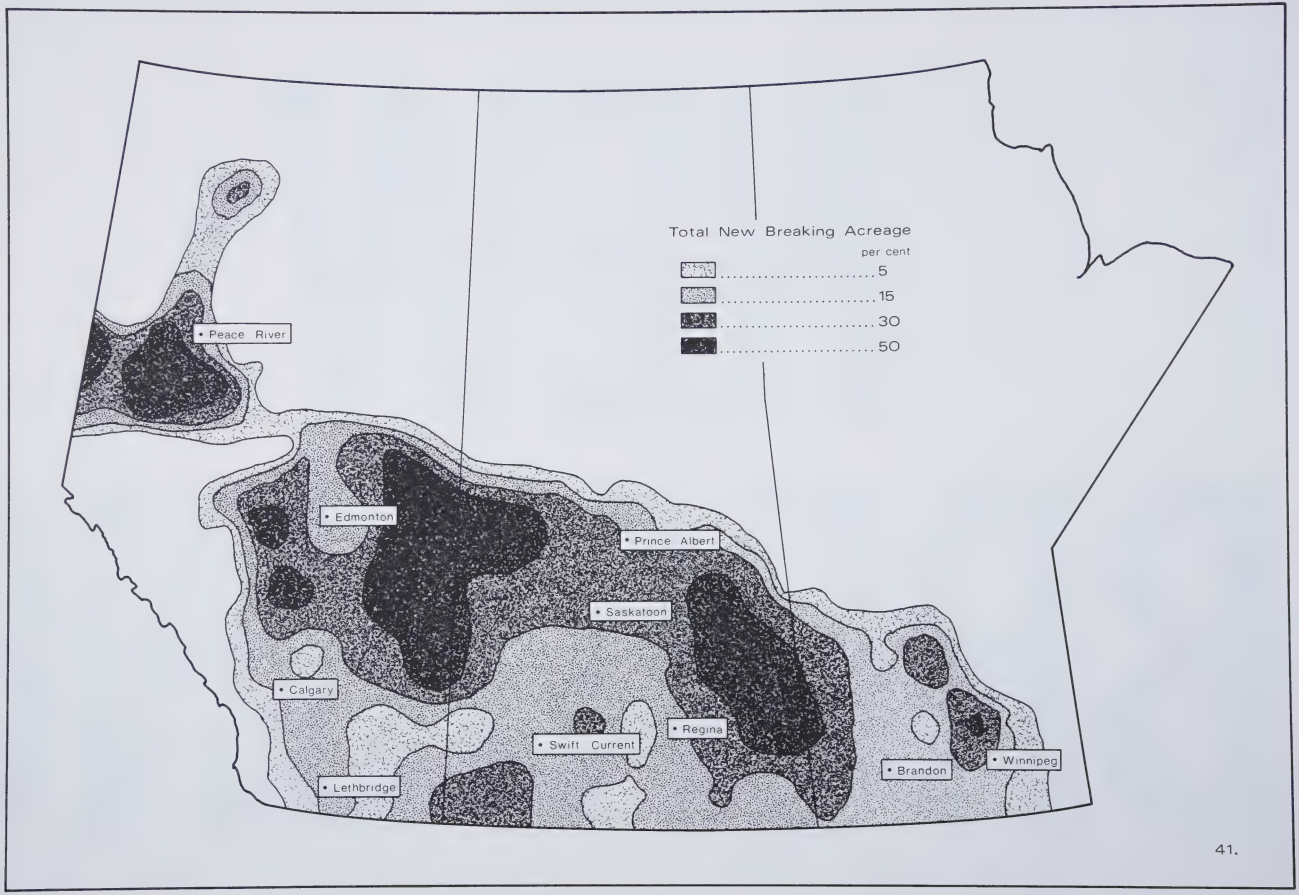
SUMMER-FALLOW


Summerfallow as A Percent
of Total Cultivated Acres
0-10
10-20
20-30
30-40
40-100
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Regina
• Swift Current
• Lethbridge
• Brandon
• Winnipeg

New Breaking Acreage

Per cent	
5	10,306 acres
15	30,918 acres
30	61,836 acres
50	103,060 acres

Total Acres: 206,119


Total New Breaking Acreage
per cent
5
15
30
50
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Regina
• Swift Current
• Lethbridge
• Brandon
• Winnipeg

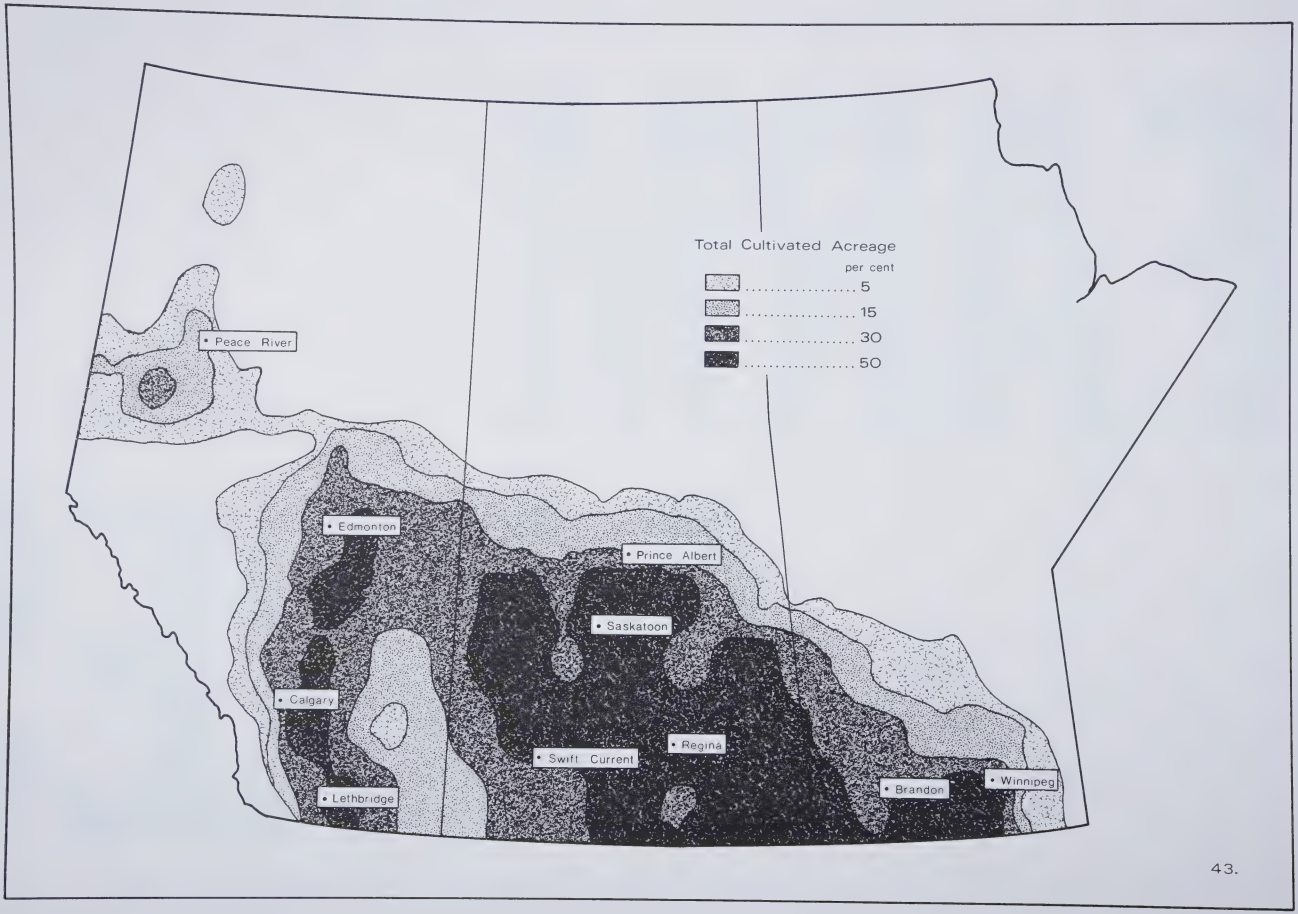
NEW
BREAKING

New Breaking Acreage as A Percent of Total Farm Acres
0-6.7
6.7-13.4
13.4-20.1
20.1-26.8
26.8-33.5
33.5-100
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Regina
• Swift Current
• Brandon
• Winnipeg
• Lethbridge

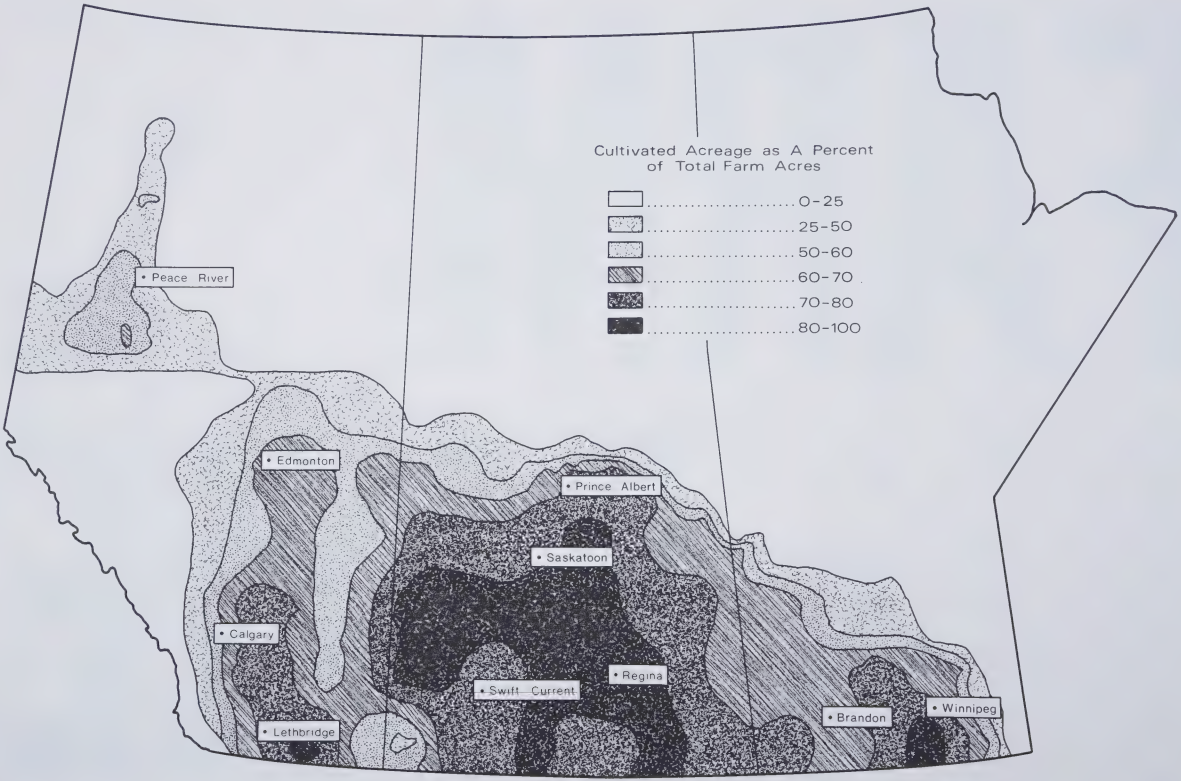
Cultivated Acreage

Per cent	
5	4,431,280 acres
15	13,293,840 acres
30	26,587,679 acres
50	44,312,799 acres

Total Acres: 88,625,597


Total Cultivated Acreage
per cent
5
15
30
50
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Regina
• Swift Current
• Brandon
• Winnipeg
• Lethbridge

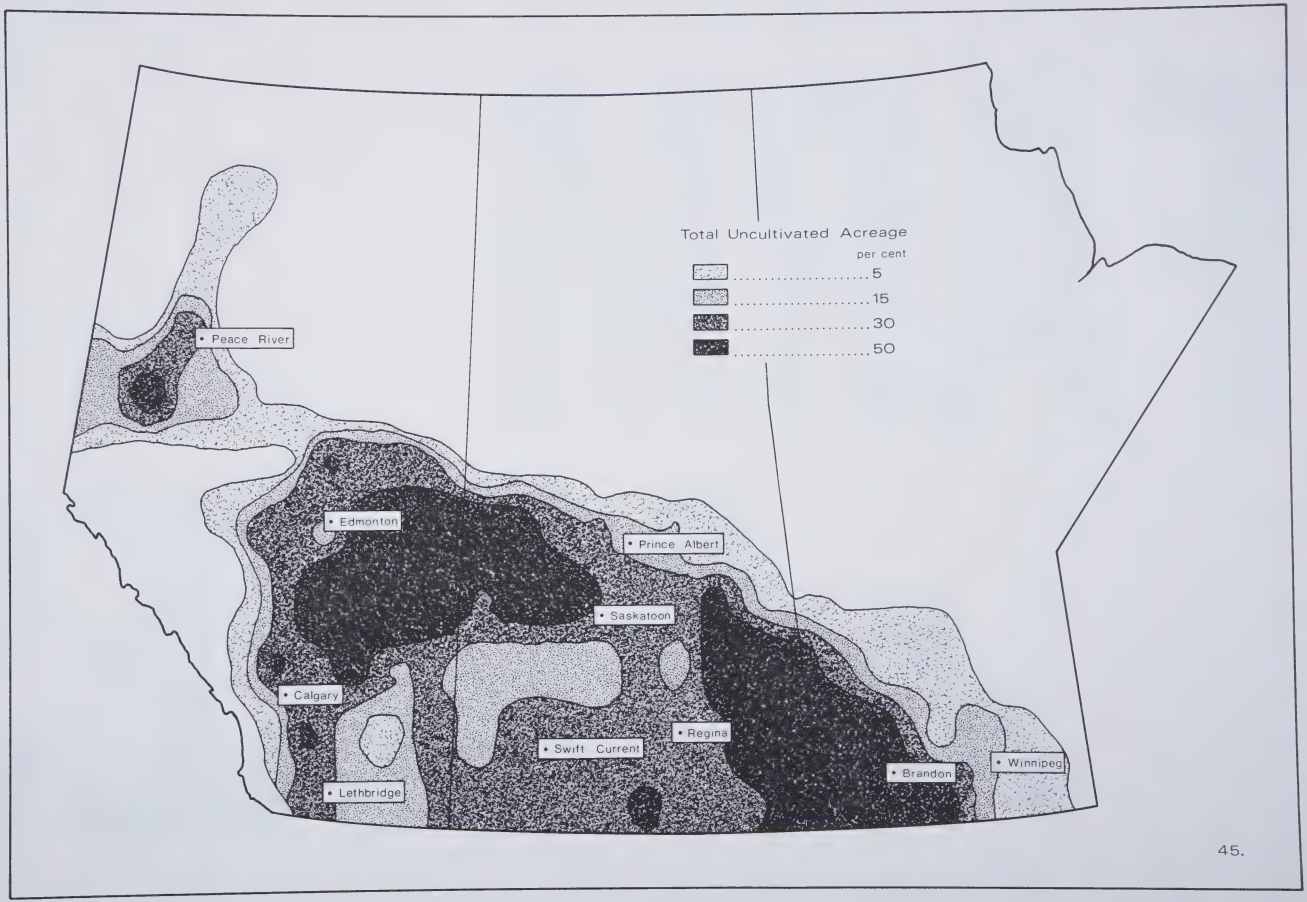
FARM ACRES


Cultivated Acreage as A Percent of Total Farm Acres
0-25
25-50
50-60
60-70
70-80
80-100
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Regina
• Swift Current
• Lethbridge
• Brandon
• Winnipeg

Uncultivated Acreage

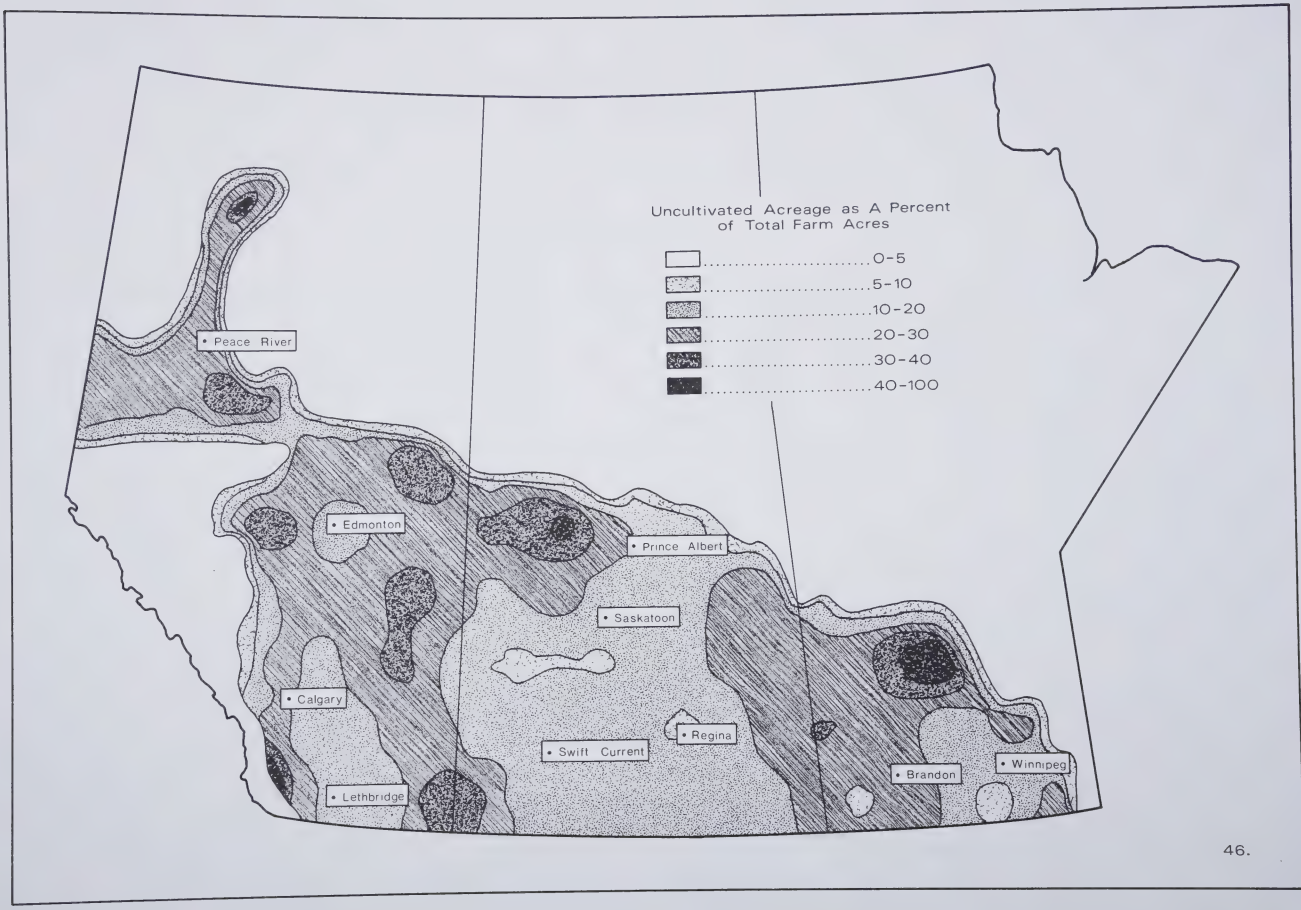
Per cent	
5	1,174,403 acres
15	3,523,210 acres
30	7,046,420 acres
50	11,744,033 acres

Total Acres: 23,488,065


Total Uncultivated Acreage
per cent
5
15
30
50
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Regina
• Swift Current
• Brandon
• Winnipeg
• Lethbridge

FARM

ACRES


Uncultivated Acreage as A Percent of Total Farm Acres
0-5
5-10
10-20
20-30
30-40
40-100
• Peace River
• Edmonton
• Prince Albert
• Saskatoon
• Calgary
• Regina
• Swift Current
• Brandon
• Winnipeg
• Lethbridge

THE CANADIAN WHEAT BOARD
1972 - 1973 SEEDED ACREAGES
BASIS PERMITS PROCESSED TO MARCH 2, 1973

	All Provinces seeded	Alberta seeded	Saskatchewan seeded	Manitoba seeded
Durum Wheat:				
Hercules	1,866,444	138,150	1,573,306	154,988
Pelissier	470,835	25,553	445,182	100
Other	757,152	118,601	630,052	8,499
All Durum	3,094,431	282,304	2,648,540	163,587
Wheat:				
Soft White Spring	98,402	79,499	16,978	1,925
Alberta Red Winter	134,591	132,593	1,867	131
Feeding Types	56,005	26,784	24,437	4,784
All Other	18,862,831	4,202,622	12,041,134	2,619,075
All Wheat (excluding durum)	19,151,829	4,441,498	12,084,416	2,625,915
Oats:	5,621,085	2,322,006	1,999,168	1,299,911
Barley:				
2-Row	4,162,170	1,512,652	1,596,242	1,053,276
6-Row	8,597,966	4,098,314	3,253,451	1,246,201
All Barley	12,760,136	5,610,966	4,849,693	2,299,477
Rye:	533,113	219,924	247,454	65,735

	All Provinces seeded	Alberta seeded	Saskatchewan seeded	Manitoba seeded
Flaxseed:	1,276,952	156,474	629,576	490,902
Rapeseed:				
L. E. A.	2,621,554	870,953	1,328,870	421,731
Other	519,940	448,965	53,363	17,612
All Rapeseed	3,141,494	1,319,918	1,382,233	439,343
Miscellaneous Crops:	907,716	201,770	228,884	477,062
Perennial Forage:	10,773,113	5,915,983	3,316,152	1,540,978
Summerfallow:	31,159,609	8,248,520	19,725,966	3,185,123
New Breaking:	206,119	101,005	82,997	22,117
Farm Acres:				
Cultivated	88,625,597	28,820,368	47,195,079	12,610,150
Uncultivated	23,488,065	9,892,649	10,074,326	3,521,090
Total Acres:	112,113,662	38,713,017	57,269,405	16,131,240
No. of Regular Permits:	171,973	59,226	80,750	31,997
No. of Special Permits:	10,527	1,523	8,087	917
Total No. of Permits:	182,500	60,749	88,837	32,914